Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012400.D
Acq On : 31 Oct 2022 22:59
Operator : CG/JU
Sample : PB148438BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS438

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

Quant Time: Nov 01 00:55:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 28 06:05:59 2022
Response via : Initial Calibration

11/01/2022
Supervised By :mohammad ahmed

11/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	325270	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.593	136	1434555	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.446	164	915160	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.210	188	1997358	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	2187414	20.000	ng/ul	0.00
88) Perylene-d12	23.692	264	2276574	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	50918	6.303	ng/uL	0.00
4) Pyridine-d5	3.658	84	708298	30.523	ng/ul	-0.01
7) Phenol-d5	6.969	99	1021985	35.030	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	584725	33.574	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	778739	36.552	ng/ul	0.00
15) 4-Methylphenol-d8	8.511	113	805998	34.931	ng/ul	-0.01
21) Nitrobenzene-d5	8.963	128	395671	42.533	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.687	143	439847	45.553	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	797856	38.128	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	1089860	34.979	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	2335465	37.279	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	2684883	37.502	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	508531	42.889	ng/ul	0.00
60) Fluorene-d10	15.445	176	2003713	37.357	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	446072	42.895	ng/ul	0.00
73) Anthracene-d10	17.310	188	3209311	37.291	ng/ul	0.00
81) Pyrene-d10	19.551	212	3947471	35.944	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.539	264	4336404	38.984	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	102747	11.964	ng/uL	95
5) Pyridine	3.676	79	666900	29.243	ng/ul	99
6) Benzaldehyde	6.940	77	529769m	38.502	ng/ul	
8) Phenol	6.993	94	988175	32.576	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.228	93	767534	31.527	ng/ul	99
12) 2-Chlorophenol	7.358	128	770280	33.213	ng/ul	99
13) 2-Methylphenol	8.246	108	750658	32.179	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.328	45	960144m	29.408	ng/ul	
16) Acetophenone	8.628	105	1163171	32.457	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.611	70	570293	33.055	ng/ul	98
18) 4-Methylphenol	8.575	108	823565	32.301	ng/ul	99
19) Hexachloroethane	8.863	117	292469	32.789	ng/ul	98
22) Nitrobenzene	9.005	77	861947	35.513	ng/ul	100
23) Isophorone	9.534	82	1663493	32.752	ng/ul	100
25) 2-Nitrophenol	9.716	139	453067	39.133	ng/ul	98
26) 2,4-Dimethylphenol	9.775	107	820703	32.283	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.016	93	1060115	32.617	ng/ul	99
29) 2,4-Dichlorophenol	10.246	162	747850	34.427	ng/ul	99
30) Naphthalene	10.646	128	2500775	32.892	ng/ul	100
32) 4-Chloroaniline	10.769	127	1034302	32.262	ng/ul	99
33) Hexachlorobutadiene	10.922	225	440613	32.602	ng/ul	98
34) Caprolactam	11.569	113	272956m	36.928	ng/ul	
35) 4-Chloro-3-methylphenol	11.899	107	835373	34.998	ng/ul	98
36) 2-Methylnaphthalene	12.257	142	1693693	32.494	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	1698435	32.628	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	892580	33.205	ng/ul	100
40) Hexachlorocyclopentadiene	12.599	237	302900	24.356	ng/ul	99
41) 2,4,6-Trichlorophenol	12.875	196	610398	35.524	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	664997	35.484	ng/ul	97
43) 1,1'-Biphenyl	13.275	154	2224598	33.058	ng/ul	100
44) 2-Chloronaphthalene	13.316	162	1747170	33.041	ng/ul	99
45) 2-Nitroaniline	13.540	65	531555	43.371	ng/ul	98
47) Dimethylphthalate	13.910	163	2255559	34.172	ng/ul	100
48) 2,6-Dinitrotoluene	14.040	165	473714	43.223	ng/ul	97
50) Acenaphthylene	14.169	152	2759331	34.368	ng/ul	99
51) 3-Nitroaniline	14.369	138	529300	39.443	ng/ul	98
52) Acenaphthene	14.510	153	1906068	33.781	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	298209	40.292	ng/ul	100
55) 4-Nitrophenol	14.681	109	344543	38.404	ng/ul	96
56) Dibenzofuran	14.845	168	2603628	33.800	ng/ul	98
57) 2,4-Dinitrotoluene	14.828	165	698220	42.297	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.075	232	584575	36.751	ng/ul	96
59) Diethylphthalate	15.275	149	2286880	35.607	ng/ul	98
61) Fluorene	15.498	166	2122424	34.677	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.493	204	1023461	34.091	ng/ul	100
63) 4-Nitroaniline	15.540	138	571827m	47.165	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.593	198	430463	38.851	ng/ul	99
67) N-Nitrosodiphenylamine	15.716	169	1886369	33.532	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	681422	33.965	ng/ul	98
69) Hexachlorobenzene	16.504	284	816155	33.918	ng/ul	99
70) Atrazine	16.675	200	697044	35.768	ng/ul	99
71) Pentachlorophenol	16.857	266	529113	35.805	ng/ul	99
72) Phenanthrene	17.251	178	3618195	34.289	ng/ul	100
74) Anthracene	17.345	178	3616239	34.498	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	924167	32.345	ng/uL	99
76) Pentachlorobenzene	14.763	250	901096	29.866	ng/uL	100
77) Carbazole	17.622	167	3486250	37.341	ng/ul	100
78) Di-n-butylphthalate	18.169	149	4065792	37.485	ng/ul	99
80) Fluoranthene	19.222	202	4486912	33.091	ng/ul	100
82) Pyrene	19.581	202	4641802	33.051	ng/ul	98
83) Butylbenzylphthalate	20.451	149	2016006	38.502	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	1741006	36.640	ng/ul	100
85) Benzo(a)anthracene	21.286	228	4879203	34.963	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.204	149	2875542	35.915	ng/ul	99
87) Chrysene	21.339	228	4562127	34.970	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	5129008	37.771	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	5179933	35.932	ng/ul	100
91) Benzo(k)fluoranthene	23.016	252	5121701	37.279	ng/ul	99
93) Benzo(a)pyrene	23.586	252	4482796	35.609	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.168	276	5300895	33.792	ng/ul	99
95) Dibenzo(a,h)anthracene	26.192	278	4597512	32.732	ng/ul	99
96) Benzo(g,h,i)perylene	26.939	276	4338447	31.286	ng/ul	100

11/01/2022
Supervised By :mohammad ahmed

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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