Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012401.D
Acq On : 31 Oct 2022 23:33
Operator : CG/JU
Sample : PB148440BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS440

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

Quant Time: Nov 01 00:55:29 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	337160	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.599	136	1512801	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	965329	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.210	188	2098800	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	2193473	20.000	ng/ul	0.00
88) Perylene-d12	23.692	264	2228391	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	52391	6.257	ng/uL	0.00
4) Pyridine-d5	3.658	84	742175	30.855	ng/ul	-0.01
7) Phenol-d5	6.969	99	1077318	35.625	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	617673	34.215	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	816283	36.963	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	862094	36.044	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	420042	42.817	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.687	143	468284	45.990	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	846674	38.369	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	1156559	35.200	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	2488749	37.662	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	2842684	37.643	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	532650	42.589	ng/ul	0.00
60) Fluorene-d10	15.445	176	2121812	37.503	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	474756	43.447	ng/ul	0.00
73) Anthracene-d10	17.310	188	3380585	37.382	ng/ul	0.00
81) Pyrene-d10	19.545	212	4068492	36.944	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.539	264	4272265	39.237	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	107671	12.095	ng/uL	98
5) Pyridine	3.675	79	705726	29.854	ng/ul	100
6) Benzaldehyde	6.940	77	570221	39.981	ng/ul	100
8) Phenol	6.993	94	1067451	33.949	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.228	93	830420	32.907	ng/ul	99
12) 2-Chlorophenol	7.358	128	821393	34.168	ng/ul	99
13) 2-Methylphenol	8.246	108	812871	33.617	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	1031824	30.489	ng/ul	100
16) Acetophenone	8.628	105	1275782	34.344	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.616	70	619710	34.652	ng/ul	98
18) 4-Methylphenol	8.581	108	893870	33.822	ng/ul	97
19) Hexachloroethane	8.863	117	316325	34.213	ng/ul	99
22) Nitrobenzene	9.005	77	940830	36.758	ng/ul	99
23) Isophorone	9.534	82	1823878	34.052	ng/ul	99
25) 2-Nitrophenol	9.716	139	496442	40.661	ng/ul	98
26) 2,4-Dimethylphenol	9.781	107	908429	33.885	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.016	93	1146486	33.449	ng/ul	100
29) 2,4-Dichlorophenol	10.246	162	820024	35.797	ng/ul	99
30) Naphthalene	10.646	128	2711411	33.818	ng/ul	100
32) 4-Chloroaniline	10.769	127	1116803	33.033	ng/ul	99
33) Hexachlorobutadiene	10.922	225	481743	33.802	ng/ul	99
34) Caprolactam	11.575	113	295299m	37.885	ng/ul	
35) 4-Chloro-3-methylphenol	11.898	107	903338	35.888	ng/ul	99
36) 2-Methylnaphthalene	12.257	142	1849054	33.639	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	1853576	33.766	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.628	216	977131	34.461	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	364469	27.783	ng/ul	100
41) 2,4,6-Trichlorophenol	12.875	196	671075	37.026	ng/ul	98
42) 2,4,5-Trichlorophenol	12.951	196	728578	36.856	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	2430447	34.240	ng/ul	100
44) 2-Chloronaphthalene	13.322	162	1917188	34.372	ng/ul	99
45) 2-Nitroaniline	13.540	65	575504	44.516	ng/ul	96
47) Dimethylphthalate	13.910	163	2450385	35.195	ng/ul	100
48) 2,6-Dinitrotoluene	14.040	165	521543	45.114	ng/ul	98
50) Acenaphthylene	14.169	152	3005174	35.484	ng/ul	99
51) 3-Nitroaniline	14.369	138	576841	40.751	ng/ul	99
52) Acenaphthene	14.510	153	2060721	34.624	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	328598	42.090	ng/ul	100
55) 4-Nitrophenol	14.687	109	365939	38.669	ng/ul	96
56) Dibenzofuran	14.845	168	2832466	34.860	ng/ul	98
57) 2,4-Dinitrotoluene	14.828	165	758938	43.586	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.081	232	640416	38.169	ng/ul	99
59) Diethylphthalate	15.275	149	2484179	36.669	ng/ul	98
61) Fluorene	15.498	166	2296995	35.579	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	1111588	35.102	ng/ul	100
63) 4-Nitroaniline	15.539	138	615687m	48.144	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	467741	40.175	ng/ul	95
67) N-Nitrosodiphenylamine	15.716	169	2020585	34.182	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	744077	35.295	ng/ul	99
69) Hexachlorobenzene	16.504	284	889069	35.163	ng/ul	100
70) Atrazine	16.681	200	751317	36.690	ng/ul	98
71) Pentachlorophenol	16.857	266	566055	36.453	ng/ul	99
72) Phenanthrene	17.251	178	3857942	34.794	ng/ul	100
74) Anthracene	17.345	178	3853202	34.981	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	1013546	33.759	ng/uL	100
76) Pentachlorobenzene	14.763	250	989007	31.195	ng/uL	99
77) Carbazole	17.622	167	3705912	37.775	ng/ul	100
78) Di-n-butylphthalate	18.169	149	4344282	38.116	ng/ul	99
80) Fluoranthene	19.222	202	4740019	34.861	ng/ul	100
82) Pyrene	19.575	202	4858241	34.496	ng/ul	99
83) Butylbenzylphthalate	20.451	149	2120067	40.377	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.221	252	1785343	37.470	ng/ul	99
85) Benzo(a)anthracene	21.286	228	4961566	35.455	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.204	149	3007007	37.453	ng/ul	99
87) Chrysene	21.339	228	4688367	35.838	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	5327813	40.084	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	5252032	37.220	ng/ul	100
91) Benzo(k)fluoranthene	23.010	252	5105481	37.965	ng/ul	100
93) Benzo(a)pyrene	23.586	252	4501349	36.530	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.174	276	5354298	34.870	ng/ul	98
95) Dibenzo(a,h)anthracene	26.192	278	4634167	33.706	ng/ul	99
96) Benzo(g,h,i)perylene	26.939	276	4376587	32.244	ng/ul	99

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

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