Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020153.D
Acq On : 02 May 2024 19:57
Operator : MA/JU
Sample : PB160609BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 03 00:51:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 00:38:56 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS609

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

05/03/2024
Supervised By :mohammad ahmed

05/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	79672	20.000	ng/ul	0.00
20) Naphthalene-d8	10.398	136	363406	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	272290	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	615154	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	595386	20.000	ng/ul	-0.01
88) Perylene-d12	25.004	264	511171	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	11211	5.943	ng/uL	0.00
4) Pyridine-d5	3.622	84	130542	23.815	ng/ul	0.00
7) Phenol-d5	6.810	99	226959	33.171	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	132389	31.852	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	163234	33.372	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	192377	34.777	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	86202	31.677	ng/ul	0.00
24) 2-Nitrophenol-d4	9.498	143	100205	32.155	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	196671	34.584	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	81542	10.245	ng/ul	0.01
46) Dimethylphthalate-d6	13.716	166	666920	33.540	ng/ul	0.00
49) Acenaphthylene-d8	13.986	160	704417	32.069	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	108774	35.593	ng/ul	0.00
60) Fluorene-d10	15.322	176	554788	33.451	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	134853	34.546	ng/ul	0.00
73) Anthracene-d10	17.239	188	902002	33.895	ng/ul	0.00
81) Pyrene-d10	19.639	212	1101203	31.641	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.762	264	815430	32.992	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	24027	11.224	ng/uL	98
5) Pyridine	3.640	79	158471	28.583	ng/ul	98
6) Benzaldehyde	6.799	77	34056	9.902	ng/ul	91
8) Phenol	6.834	94	243526	34.484	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.069	93	184153	33.325	ng/ul	98
12) 2-Chlorophenol	7.193	128	176278	34.518	ng/ul	98
13) 2-Methylphenol	8.069	108	183904	34.912	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	235076	34.102	ng/ul	98
16) Acetophenone	8.451	105	321376	35.005	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.434	70	179965	36.122	ng/ul	96
18) 4-Methylphenol	8.393	108	202080	35.295	ng/ul	92
19) Hexachloroethane	8.669	117	78981	33.819	ng/ul	99
22) Nitrobenzene	8.828	77	260437	33.338	ng/ul	99
23) Isophorone	9.346	82	500115	33.293	ng/ul	99
25) 2-Nitrophenol	9.528	139	111850	34.651	ng/ul	95
26) 2,4-Dimethylphenol	9.587	107	237654	33.746	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.828	93	278044	33.388	ng/ul	99
29) 2,4-Dichlorophenol	10.057	162	196505	35.525	ng/ul	99
30) Naphthalene	10.451	128	608503	32.486	ng/ul	99
32) 4-Chloroaniline	10.587	127	118473	15.222	ng/ul	96
33) Hexachlorobutadiene	10.710	225	142249	33.109	ng/ul	98
34) Caprolactam	11.393	113	74290m	38.464	ng/ul	
35) 4-Chloro-3-methylphenol	11.716	107	259625	37.697	ng/ul	98
36) 2-Methylnaphthalene	12.081	142	440079	33.767	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	442639	33.750	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.445	216	275231	32.410	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	139367	30.176	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	176768	33.193	ng/ul	100
42) 2,4,5-Trichlorophenol	12.787	196	200515	34.991	ng/ul	95
43) 1,1'-Biphenyl	13.110	154	617246	32.050	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	494153	32.335	ng/ul	99
45) 2-Nitroaniline	13.387	65	187455	36.980	ng/ul	96
47) Dimethylphthalate	13.763	163	709080	35.304	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	144103	36.091	ng/ul	92
50) Acenaphthylene	14.022	152	829606	33.579	ng/ul	99
51) 3-Nitroaniline	14.239	138	95099	25.536	ng/ul	99
52) Acenaphthene	14.363	153	552146	33.256	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	92038	37.554	ng/ul	96
55) 4-Nitrophenol	14.557	109	125211	39.352	ng/ul	89
56) Dibenzofuran	14.716	168	776183	33.992	ng/ul	100
57) 2,4-Dinitrotoluene	14.710	165	217978	37.972	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.951	232	177615	34.516	ng/ul	96
59) Diethylphthalate	15.163	149	735656	36.693	ng/ul	99
61) Fluorene	15.386	166	662012	34.892	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.381	204	357279	35.495	ng/ul	97
63) 4-Nitroaniline	15.439	138	121196	39.052	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.492	198	144597	35.524	ng/ul	98
67) N-Nitrosodiphenylamine	15.610	169	480460	28.051	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	231395	34.727	ng/ul	94
69) Hexachlorobenzene	16.404	284	267087	34.608	ng/ul	98
71) Pentachlorophenol	16.775	266	155996	33.442	ng/ul	99
72) Phenanthrene	17.175	178	1074313	34.229	ng/ul	99
74) Anthracene	17.280	178	1098417	34.409	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	275201	30.101	ng/uL	95
76) Pentachlorobenzene	14.622	250	290982	31.804	ng/uL	98
77) Carbazole	17.575	167	875437	31.834	ng/ul	100
78) Di-n-butylphthalate	18.169	149	1308538	39.256	ng/ul	100
80) Fluoranthene	19.292	202	1363328	33.286	ng/ul	100
82) Pyrene	19.674	202	1384946	32.498	ng/ul	97
83) Butylbenzylphthalate	20.645	149	604192	37.348	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.551	252	20370	1.681	ng/ul#	84
85) Benzo(a)anthracene	21.604	228	1417025	35.090	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	888854	38.086	ng/ul	99
87) Chrysene	21.674	228	1301927	34.785	ng/ul	99
89) Di-n-octyl phthalate	22.862	149	1425534	43.546	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	1211573	39.845	ng/ul	99
91) Benzo(k)fluoranthene	24.004	252	1202928	38.819	ng/ul	99
93) Benzo(a)pyrene	24.845	252	1078270	37.268	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.809	276	1099602m	31.003	ng/ul	
95) Dibenzo(a,h)anthracene	28.903	278	912352	31.099	ng/ul	99
96) Benzo(g,h,i)perylene	29.997	276	855778m	29.916	ng/ul	

05/03/2024
Supervised By :mohammad ahmed

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

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