Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023260.D
Acq On : 20 Nov 2024 21:06
Operator : RC/JU
Sample : PB165090BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS090

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 21 01:46:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	96640	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	342926	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.187	164	267296	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	659012	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.439	240	762068	20.000	ng/ul	0.02
88) Perylene-d12	24.657	264	883641	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	14443	7.184	ng/uL	0.00
4) Pyridine-d5	3.546	84	179284	30.014	ng/ul	0.00
7) Phenol-d5	6.769	99	221894	31.056	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	127819	30.449	ng/ul	0.00
11) 2-Chlorophenol-d4	7.110	132	165195	31.570	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	173295	29.474	ng/ul	0.00
21) Nitrobenzene-d5	8.704	128	82217	34.438	ng/ul	0.00
24) 2-Nitrophenol-d4	9.416	143	99354	34.908	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	202909	34.043	ng/ul	0.00
31) 4-Chloroaniline-d4	10.457	131	194081	27.294	ng/ul	-0.01
46) Dimethylphthalate-d6	13.587	166	658003	34.156	ng/ul	0.00
49) Acenaphthylene-d8	13.875	160	699631	34.805	ng/ul	0.00
54) 4-Nitrophenol-d4	14.445	143	83597	28.875	ng/ul	-0.01
60) Fluorene-d10	15.198	176	565130	33.459	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.351	200	131991	33.434	ng/ul	0.00
73) Anthracene-d10	17.098	188	959169	34.375	ng/ul	0.00
81) Pyrene-d10	19.480	212	1254666	35.744	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.439	264	1523959	36.206	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	26637	11.466	ng/uL	99
5) Pyridine	3.564	79	175585	29.270	ng/ul	95
6) Benzaldehyde	6.740	77	84461	20.542	ng/ul	95
8) Phenol	6.793	94	223965	30.018	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.005	93	166418	29.682	ng/ul	96
12) 2-Chlorophenol	7.146	128	163145	30.030	ng/ul	97
13) 2-Methylphenol	8.010	108	161882	29.067	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.069	45	192669	30.356	ng/ul	94
16) Acetophenone	8.381	105	277003	28.037	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.357	70	143632	29.115	ng/ul	98
18) 4-Methylphenol	8.340	108	172900	28.107	ng/ul	95
19) Hexachloroethane	8.610	117	78140	29.740	ng/ul	96
22) Nitrobenzene	8.752	77	227404	33.196	ng/ul	97
23) Isophorone	9.269	82	402293	32.843	ng/ul	98
25) 2-Nitrophenol	9.446	139	100386	33.416	ng/ul	92
26) 2,4-Dimethylphenol	9.516	107	166489	25.665	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.734	93	224804	33.356	ng/ul	99
29) 2,4-Dichlorophenol	9.987	162	191622	32.457	ng/ul	95
30) Naphthalene	10.363	128	529322	31.772	ng/ul	100
32) 4-Chloroaniline	10.487	127	150486	21.844	ng/ul	98
33) Hexachlorobutadiene	10.628	225	164437	30.782	ng/ul	99
34) Caprolactam	11.269	113	55049m	31.348	ng/ul	
35) 4-Chloro-3-methylphenol	11.616	107	203691	32.071	ng/ul	95
36) 2-Methylnaphthalene	11.975	142	389219	30.945	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.192	142	392999	30.565	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.351	216	298844	33.117	ng/ul	97
40) Hexachlorocyclopentadiene	12.310	237	115387	24.344	ng/ul	99
41) 2,4,6-Trichlorophenol	12.604	196	173789	31.627	ng/ul	96
42) 2,4,5-Trichlorophenol	12.692	196	193042	32.587	ng/ul	99
43) 1,1'-Biphenyl	12.998	154	573089	33.460	ng/ul	99
44) 2-Chloronaphthalene	13.040	162	472786	33.768	ng/ul	100
45) 2-Nitroaniline	13.269	65	136940	34.833	ng/ul	93
47) Dimethylphthalate	13.634	163	625233	32.909	ng/ul	100
48) 2,6-Dinitrotoluene	13.775	165	126970	34.357	ng/ul	99
50) Acenaphthylene	13.904	152	700928	34.496	ng/ul	100
51) 3-Nitroaniline	14.122	138	109630	34.441	ng/ul	98
52) Acenaphthene	14.251	153	485392	32.904	ng/ul	98
53) 2,4-Dinitrophenol	14.339	184	75591	28.826	ng/ul	96
55) 4-Nitrophenol	14.463	109	96617	28.524	ng/ul	98
56) Dibenzofuran	14.592	168	752876	33.033	ng/ul	98
57) 2,4-Dinitrotoluene	14.586	165	207712	35.264	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.839	232	174527	30.140	ng/ul	94
59) Diethylphthalate	15.028	149	625630	33.296	ng/ul	98
61) Fluorene	15.257	166	609063	32.649	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.251	204	359537	32.733	ng/ul	98
63) 4-Nitroaniline	15.304	138	115008	38.829	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.363	198	135509	32.133	ng/ul	97
67) N-Nitrosodiphenylamine	15.475	169	523515	34.378	ng/ul	99
68) 4-Bromophenyl-phenylether	16.163	248	249994	33.500	ng/ul	96
69) Hexachlorobenzene	16.286	284	314003	33.424	ng/ul	97
70) Atrazine	16.451	200	92792	12.606	ng/ul	98
71) Pentachlorophenol	16.657	266	159288	27.310	ng/ul	97
72) Phenanthrene	17.039	178	1060859	34.095	ng/ul	99
74) Anthracene	17.128	178	1039253	33.220	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.963	216	297012	34.135	ng/uL	95
76) Pentachlorobenzene	14.516	250	326000	32.813	ng/uL	96
77) Carbazole	17.428	167	940784	34.469	ng/ul	100
78) Di-n-butylphthalate	18.004	149	1067327	35.240	ng/ul	99
80) Fluoranthene	19.139	202	1412089	34.919	ng/ul	99
82) Pyrene	19.510	202	1481564	34.104	ng/ul	98
83) Butylbenzylphthalate	20.469	149	520928	36.421	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.345	252	540912	31.621	ng/ul	100
85) Benzo(a)anthracene	21.416	228	1565241	33.637	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	750568	36.928	ng/ul	98
87) Chrysene	21.480	228	1465862	33.479	ng/ul	99
89) Di-n-octyl phthalate	22.563	149	1257331	35.073	ng/ul	100
90) Benzo(b)fluoranthene	23.633	252	1726750	35.108	ng/ul	100
91) Benzo(k)fluoranthene	23.698	252	1685040	34.802	ng/ul#	99
93) Benzo(a)pyrene	24.504	252	1485252	33.406	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.298	276	2002036	32.320	ng/ul	100
95) Dibenzo(a,h)anthracene	28.356	278	1609858	32.008	ng/ul	99
96) Benzo(g,h,i)perylene	29.421	276	1519078	32.287	ng/ul	98

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

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