Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022098.D
Acq On : 28 Sep 2024 10:20
Operator : RC/JU
Sample : PB163765BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 28 23:32:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS765

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	136556	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.452	136	523232	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.316	164	426765	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	1053936	20.000	ng/ul	-0.01
79) Chrysene-d12	21.545	240	1196369	20.000	ng/ul	0.00
88) Perylene-d12	24.833	264	1436841	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	18997	5.449	ng/uL	0.00
4) Pyridine-d5	3.623	84	240288	24.113	ng/ul	-0.01
7) Phenol-d5	6.875	99	310531	27.799	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.028	67	178096	25.892	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.234	132	235291	29.113	ng/ul	-0.01
15) 4-Methylphenol-d8	8.393	113	248918	28.122	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128	118102	30.157	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.540	143	142685	32.134	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.075	165	294319	30.521	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.581	131	289793	25.187	ng/ul	-0.02
46) Dimethylphthalate-d6	13.716	166	973440	29.508	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	1059932	30.347	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	163725	29.015	ng/ul	0.00
60) Fluorene-d10	15.322	176	867711	29.735	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	203156	31.048	ng/ul	0.00
73) Anthracene-d10	17.210	188	1441522	29.298	ng/ul	0.00
81) Pyrene-d10	19.586	212	1900048	30.655	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.610	264	2277086	30.131	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	33952	8.990	ng/uL	99
5) Pyridine	3.646	79	245895	24.287	ng/ul	99
6) Benzaldehyde	6.846	77	152167	24.081	ng/ul	99
8) Phenol	6.899	94	319326	27.393	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.122	93	237558	26.625	ng/ul	97
12) 2-Chlorophenol	7.264	128	241197	28.788	ng/ul	98
13) 2-Methylphenol	8.134	108	229777	27.178	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.211	45	206097	24.900	ng/ul	94
16) Acetophenone	8.499	105	404234	27.455	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.493	70	214848	28.148	ng/ul	94
18) 4-Methylphenol	8.452	108	254094	27.560	ng/ul	99
19) Hexachloroethane	8.758	117	110469	27.931	ng/ul	99
22) Nitrobenzene	8.869	77	327079	27.317	ng/ul	97
23) Isophorone	9.393	82	598982	28.881	ng/ul	99
25) 2-Nitrophenol	9.575	139	149782	31.526	ng/ul	97
26) 2,4-Dimethylphenol	9.634	107	244696	22.735	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.869	93	328753	27.499	ng/ul	98
29) 2,4-Dichlorophenol	10.105	162	287800	30.040	ng/ul	98
30) Naphthalene	10.505	128	787813	28.615	ng/ul	99
32) 4-Chloroaniline	10.605	127	265147	23.268	ng/ul	98
33) Hexachlorobutadiene	10.787	225	244894	28.791	ng/ul	96
34) Caprolactam	11.387	113	82656m	28.441	ng/ul	
35) 4-Chloro-3-methylphenol	11.734	107	309625	29.873	ng/ul	98
36) 2-Methylnaphthalene	12.110	142	588574	28.767	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	597834	28.973	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	451050	28.507	ng/ul	98
40) Hexachlorocyclopentadiene	12.463	237	255432	25.665	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	250501	26.483	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	285994	27.921	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	861533	28.230	ng/ul	97
44) 2-Chloronaphthalene	13.175	162	708607	28.838	ng/ul	98
45) 2-Nitroaniline	13.381	65	213866	30.101	ng/ul	92
47) Dimethylphthalate	13.763	163	968673	29.235	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	198180	31.199	ng/ul	98
50) Acenaphthylene	14.028	152	1110969	30.501	ng/ul	99
51) 3-Nitroaniline	14.222	138	169653	29.336	ng/ul	97
52) Acenaphthene	14.381	153	741407	28.014	ng/ul	98
53) 2,4-Dinitrophenol	14.422	184	125113	28.947	ng/ul	93
55) 4-Nitrophenol	14.551	109	190648	29.863	ng/ul	89
56) Dibenzofuran	14.722	168	1136321	28.880	ng/ul	98
57) 2,4-Dinitrotoluene	14.687	165	304552	31.112	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.957	232	235440	23.879	ng/ul	97
59) Diethylphthalate	15.157	149	977026	29.794	ng/ul	98
61) Fluorene	15.381	166	936289	28.614	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	562763	29.873	ng/ul	98
63) 4-Nitroaniline	15.398	138	196101	33.317	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.457	198	211649	29.710	ng/ul#	99
67) N-Nitrosodiphenylamine	15.598	169	820978	29.575	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	397561	31.411	ng/ul	97
69) Hexachlorobenzene	16.404	284	498220	32.419	ng/ul	94
70) Atrazine	16.569	200	5088	0.411	ng/ul	92
71) Pentachlorophenol	16.751	266	225603	22.003	ng/ul	98
72) Phenanthrene	17.145	178	1629939	29.496	ng/ul	100
74) Anthracene	17.245	178	1627578	28.943	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.093	216	456483	28.863	ng/uL	99
76) Pentachlorobenzene	14.646	250	516073	29.672	ng/uL	98
77) Carbazole	17.522	167	1419259	28.636	ng/ul	99
78) Di-n-butylphthalate	18.116	149	1753878	30.694	ng/ul	99
80) Fluoranthene	19.239	202	2199050	31.041	ng/ul	98
82) Pyrene	19.616	202	2288750	30.015	ng/ul#	95
83) Butylbenzylphthalate	20.563	149	842288	31.694	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.445	252	808999	29.534	ng/ul	99
85) Benzo(a)anthracene	21.522	228	2462901	29.872	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1214344	31.144	ng/ul	99
87) Chrysene	21.592	228	2302339	29.754	ng/ul	99
89) Di-n-octyl phthalate	22.727	149	2091073	29.460	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	2712755	30.414	ng/ul	99
91) Benzo(k)fluoranthene	23.857	252	2627192	29.553	ng/ul#	99
93) Benzo(a)pyrene	24.692	252	2419123	29.434	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.562	276	3157810m	29.468	ng/ul	
95) Dibenzo(a,h)anthracene	28.651	278	2581327	29.902	ng/ul#	97
96) Benzo(g,h,i)perylene	29.733	276	2499078	30.054	ng/ul	99

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

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