Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022616.D
Acq On : 25 Oct 2024 17:57
Operator : RC/JU
Sample : PB164325BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS325

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 25 18:27:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	101847	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	380510	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.263	164	294963	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.069	188	714900	20.000	ng/ul	-0.01
79) Chrysene-d12	21.504	240	785976	20.000	ng/ul	0.00
88) Perylene-d12	24.768	264	893529	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	10288	3.925	ng/uL	-0.01
4) Pyridine-d5	3.599	84	160588	22.320	ng/ul	-0.01
7) Phenol-d5	6.846	99	216706	25.277	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	114896	22.802	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.193	132	158667	26.082	ng/ul	-0.01
15) 4-Methylphenol-d8	8.357	113	172762	25.251	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	76517	26.153	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	93445	27.587	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	195083	27.098	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.546	131	200031	23.514	ng/ul	-0.01
46) Dimethylphthalate-d6	13.675	166	575171	24.543	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	623641	25.055	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	93581	23.802	ng/ul	-0.01
60) Fluorene-d10	15.275	176	502323	24.712	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	116893	24.861	ng/ul	0.00
73) Anthracene-d10	17.169	188	842009	25.037	ng/ul	0.00
81) Pyrene-d10	19.551	212	1070807	25.763	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.539	264	1259356	26.391	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	21636	7.678	ng/uL	97
5) Pyridine	3.616	79	162381	22.011	ng/ul	98
6) Benzaldehyde	6.810	77	24563	5.302	ng/ul	96
8) Phenol	6.869	94	222259	24.918	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.087	93	157164	23.543	ng/ul	95
12) 2-Chlorophenol	7.228	128	165057	26.239	ng/ul	96
13) 2-Methylphenol	8.093	108	162867	25.160	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.157	45	176954	22.809	ng/ul	99
16) Acetophenone	8.463	105	265356	23.493	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.446	70	135181	23.622	ng/ul	95
18) 4-Methylphenol	8.422	108	175812	24.483	ng/ul	95
19) Hexachloroethane	8.704	117	70559	24.084	ng/ul	98
22) Nitrobenzene	8.834	77	207950	23.811	ng/ul	95
23) Isophorone	9.357	82	374453	23.914	ng/ul	98
25) 2-Nitrophenol	9.540	139	95194	26.077	ng/ul	97
26) 2,4-Dimethylphenol	9.598	107	180837	22.791	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.828	93	210647	23.693	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	190916	26.929	ng/ul	97
30) Naphthalene	10.457	128	506652	24.999	ng/ul	98
32) 4-Chloroaniline	10.569	127	121807	14.506	ng/ul	92
33) Hexachlorobutadiene	10.740	225	152170	25.467	ng/ul	100
34) Caprolactam	11.351	113	56036m	24.517	ng/ul	
35) 4-Chloro-3-methylphenol	11.698	107	197289	25.506	ng/ul	98
36) 2-Methylnaphthalene	12.057	142	371033	24.940	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	369254	24.318	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.434	216	271881	24.928	ng/ul	98
40) Hexachlorocyclopentadiene	12.404	237	97355	14.651	ng/ul	98
41) 2,4,6-Trichlorophenol	12.681	196	179234	26.126	ng/ul	98
42) 2,4,5-Trichlorophenol	12.763	196	195479	26.760	ng/ul	97
43) 1,1'-Biphenyl	13.081	154	525631	24.723	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	434174	24.946	ng/ul	98
45) 2-Nitroaniline	13.339	65	125975	24.241	ng/ul	95
47) Dimethylphthalate	13.716	163	560151	23.987	ng/ul	100
48) 2,6-Dinitrotoluene	13.834	165	116683	26.417	ng/ul	95
50) Acenaphthylene	13.986	152	639986	24.774	ng/ul	100
51) 3-Nitroaniline	14.169	138	103747	25.008	ng/ul	98
52) Acenaphthene	14.334	153	449259	24.593	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	76719	23.607	ng/ul	97
55) 4-Nitrophenol	14.510	109	107915	24.731	ng/ul	93
56) Dibenzofuran	14.675	168	679608	24.767	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	181218	26.402	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	181333	26.595	ng/ul	97
59) Diethylphthalate	15.104	149	558265	24.918	ng/ul	100
61) Fluorene	15.334	166	556263	24.880	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.334	204	314950	24.633	ng/ul	100
63) 4-Nitroaniline	15.375	138	120088m	28.767	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.433	198	123705	24.426	ng/ul	98
67) N-Nitrosodiphenylamine	15.533	169	475962	24.862	ng/ul	99
68) 4-Bromophenyl-phenylether	16.233	248	220725	25.603	ng/ul	98
69) Hexachlorobenzene	16.363	284	280930	26.474	ng/ul	96
70) Atrazine	16.516	200	207514	26.077	ng/ul	95
71) Pentachlorophenol	16.716	266	178555	26.169	ng/ul	97
72) Phenanthrene	17.110	178	956038	24.996	ng/ul	100
74) Anthracene	17.198	178	938844	24.597	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	274957	25.260	ng/uL	97
76) Pentachlorobenzene	14.586	250	293107	24.358	ng/uL	99
77) Carbazole	17.492	167	838888	24.839	ng/ul	99
78) Di-n-butylphthalate	18.075	149	941354	25.190	ng/ul	99
80) Fluoranthene	19.204	202	1263070	26.434	ng/ul	97
82) Pyrene	19.580	202	1312782	25.634	ng/ul	99
83) Butylbenzylphthalate	20.527	149	464236	26.036	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.410	252	476045	25.408	ng/ul	98
85) Benzo(a)anthracene	21.486	228	1352389	24.544	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.421	149	627368	24.512	ng/ul	99
87) Chrysene	21.551	228	1270388	24.866	ng/ul	100
89) Di-n-octyl phthalate	22.668	149	1105287	26.006	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	1450570	25.791	ng/ul#	98
91) Benzo(k)fluoranthene	23.810	252	1432574	26.015	ng/ul	98
93) Benzo(a)pyrene	24.621	252	1335657	25.802	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.456	276	1768253	25.598	ng/ul	97
95) Dibenzo(a,h)anthracene	28.539	278	1420051	25.387	ng/ul#	98
96) Benzo(g,h,i)perylene	29.627	276	1375654	25.603	ng/ul	100

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

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