Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022629.D
Acq On : 26 Oct 2024 03:28
Operator : RC/JU
Sample : PB164359BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS359

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

Quant Time: Oct 26 04:04:53 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	7.646	152	186597	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.404	136	721343	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.275	164	566637	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.081	188	1377082	20.000	ng/ul	0.00
79) Chrysene-d12	21.522	240	1378870	20.000	ng/ul	0.02
88) Perylene-d12	24.792	264	1604074	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	19291	4.017	ng/uL	-0.02
4) Pyridine-d5	3.593	84	321744	24.408	ng/ul	-0.02
7) Phenol-d5	6.846	99	442981	28.202	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	238193	25.801	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.193	132	337018	30.238	ng/ul	-0.01
15) 4-Methylphenol-d8	8.363	113	357282	28.502	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	161748	29.163	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	198556	30.921	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.040	165	413719	30.314	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.546	131	413105	25.617	ng/ul	-0.01
46) Dimethylphthalate-d6	13.681	166	1219985	27.098	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	1313389	27.467	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	206206	27.302	ng/ul	0.01
60) Fluorene-d10	15.292	176	1069445	27.387	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	242751	26.803	ng/ul	0.00
73) Anthracene-d10	17.181	188	1767082	27.278	ng/ul	0.01
81) Pyrene-d10	19.563	212	2184686	29.961	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.574	264	2453214	28.637	ng/ul	0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	40400	7.825	ng/uL	97
5) Pyridine	3.611	79	325800	24.104	ng/ul	98
6) Benzaldehyde	6.805	77	50854	5.991	ng/ul	95
8) Phenol	6.869	94	459216	28.101	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.081	93	323925	26.485	ng/ul	98
12) 2-Chlorophenol	7.222	128	344357	29.879	ng/ul	96
13) 2-Methylphenol	8.099	108	338634	28.553	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.158	45	356175	25.058	ng/ul	98
16) Acetophenone	8.463	105	542463	26.213	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.452	70	274865	26.216	ng/ul	97
18) 4-Methylphenol	8.422	108	365633	27.791	ng/ul	95
19) Hexachloroethane	8.705	117	144317	26.887	ng/ul	98
22) Nitrobenzene	8.834	77	435048	26.278	ng/ul	97
23) Isophorone	9.357	82	773811	26.068	ng/ul	98
25) 2-Nitrophenol	9.534	139	201249	29.080	ng/ul	98
26) 2,4-Dimethylphenol	9.599	107	376120	25.005	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.822	93	437021	25.929	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	400928	29.831	ng/ul	99
30) Naphthalene	10.457	128	1037273	26.998	ng/ul	99
32) 4-Chloroaniline	10.575	127	285599	17.941	ng/ul	96
33) Hexachlorobutadiene	10.734	225	318934	28.156	ng/ul	99
34) Caprolactam	11.363	113	117842m	27.197	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	416262	28.387	ng/ul	96
36) 2-Methylnaphthalene	12.069	142	768008	27.232	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	759635	26.389	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.446	216	584865	27.915	ng/ul	96
40) Hexachlorocyclopentadiene	12.422	237	222760	17.451	ng/ul	98
41) 2,4,6-Trichlorophenol	12.693	196	386558	29.331	ng/ul	99
42) 2,4,5-Trichlorophenol	12.775	196	419915	29.924	ng/ul	98
43) 1,1'-Biphenyl	13.087	154	1097098	26.861	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	914374	27.348	ng/ul	98
45) 2-Nitroaniline	13.345	65	272072	27.252	ng/ul	93
47) Dimethylphthalate	13.728	163	1152704	25.695	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	252941	29.809	ng/ul	95
50) Acenaphthylene	13.993	152	1315382	26.506	ng/ul	99
51) 3-Nitroaniline	14.187	138	221042	27.736	ng/ul	95
52) Acenaphthene	14.340	153	944583	26.917	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	162551	26.037	ng/ul	96
55) 4-Nitrophenol	14.534	109	230540	27.502	ng/ul	95
56) Dibenzofuran	14.687	168	1413913	26.823	ng/ul	98
57) 2,4-Dinitrotoluene	14.663	165	386781	29.334	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	14.928	232	384802	29.378	ng/ul	97
59) Diethylphthalate	15.110	149	1163139	27.025	ng/ul	99
61) Fluorene	15.345	166	1153629	26.859	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.340	204	661452	26.930	ng/ul	99
63) 4-Nitroaniline	15.381	138	251636m	31.378	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.434	198	255637	26.205	ng/ul	98
67) N-Nitrosodiphenylamine	15.563	169	963354	26.123	ng/ul	100
68) 4-Bromophenyl-phenylether	16.257	248	475732	28.647	ng/ul	98
69) Hexachlorobenzene	16.375	284	602755	29.488	ng/ul	94
70) Atrazine	16.545	200	457099	29.820	ng/ul	95
71) Pentachlorophenol	16.728	266	393426	29.934	ng/ul	97
72) Phenanthrene	17.116	178	2016708	27.373	ng/ul	99
74) Anthracene	17.216	178	1940968	26.399	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	585416	27.920	ng/uL	98
76) Pentachlorobenzene	14.604	250	627502	27.072	ng/uL	99
77) Carbazole	17.498	167	1739985	26.746	ng/ul	99
78) Di-n-butylphthalate	18.081	149	1982605	27.542	ng/ul	99
80) Fluoranthene	19.210	202	2603589	31.059	ng/ul	98
82) Pyrene	19.592	202	2625848	29.226	ng/ul	98
83) Butylbenzylphthalate	20.545	149	921577	29.461	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.427	252	795091	24.190	ng/ul	98
85) Benzo(a)anthracene	21.504	228	2673249	27.655	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	1232262	27.444	ng/ul	100
87) Chrysene	21.569	228	2387887	26.642	ng/ul	99
89) Di-n-octyl phthalate	22.669	149	2063631	27.046	ng/ul	100
90) Benzo(b)fluoranthene	23.757	252	2772370	27.457	ng/ul#	98
91) Benzo(k)fluoranthene	23.827	252	2811768	28.443	ng/ul	99
93) Benzo(a)pyrene	24.645	252	2565664	27.609	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.515	276	3536690	28.520	ng/ul	97
95) Dibenzo(a,h)anthracene	28.580	278	2891373	28.793	ng/ul#	97
96) Benzo(g,h,i)perylene	29.662	276	2747430m	28.484	ng/ul	

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

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