Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011924\
Data File : BP019403.D
Acq On : 19 Jan 2024 15:49
Operator : MA/JU
Sample : PB158501BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS501

Quant Time: Jan 19 17:31:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 03:05:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	128954	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.563	136	517971	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.416	164	351605	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.175	188	844933	20.000	ng/ul	-0.01
79) Chrysene-d12	21.280	240	758763	20.000	ng/ul	0.00
88) Perylene-d12	23.639	264	736762	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	16464	4.828	ng/uL	-0.01
4) Pyridine-d5	3.628	84	251798	25.534	ng/ul	-0.01
7) Phenol-d5	6.958	99	318537	25.844	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.110	67	192840	26.158	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.305	132	227743	26.899	ng/ul	-0.01
15) 4-Methylphenol-d8	8.499	113	253711	25.947	ng/ul	-0.02
21) Nitrobenzene-d5	8.940	128	118859	27.276	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.657	143	142647	28.173	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.199	165	285421	27.902	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.716	131	302992	23.449	ng/ul	-0.01
46) Dimethylphthalate-d6	13.840	166	831196	26.758	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	892701	26.809	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.657	143	116730	24.471	ng/ul	-0.01
60) Fluorene-d10	15.410	176	707682	27.826	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.557	200	169088	27.106	ng/ul	0.00
73) Anthracene-d10	17.275	188	1115449	26.470	ng/ul	-0.01
81) Pyrene-d10	19.522	212	1356794	27.423	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.486	264	1114085	27.810	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	37071	10.495	ng/uL	98
5) Pyridine	3.652	79	258612	25.816	ng/ul	96
6) Benzaldehyde	6.916	77	184348	34.308	ng/ul	97
8) Phenol	6.987	94	333755	26.879	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.205	93	264667	26.573	ng/ul	99
12) 2-Chlorophenol	7.334	128	241121	27.554	ng/ul	99
13) 2-Methylphenol	8.234	108	248412	26.673	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.299	45	323576	27.303	ng/ul	100
16) Acetophenone	8.604	105	426461	27.380	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.587	70	226413	27.900	ng/ul	97
18) 4-Methylphenol	8.563	108	270666	27.299	ng/ul	96
19) Hexachloroethane	8.834	117	109685	27.750	ng/ul	99
22) Nitrobenzene	8.981	77	341393	28.005	ng/ul	96
23) Isophorone	9.504	82	647132	27.383	ng/ul	99
25) 2-Nitrophenol	9.687	139	150536	28.304	ng/ul	95
26) 2,4-Dimethylphenol	9.757	107	308120	26.869	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.993	93	370761	27.277	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	279365	28.339	ng/ul	99
30) Naphthalene	10.616	128	799068	27.378	ng/ul	99
32) 4-Chloroaniline	10.740	127	269457	21.316	ng/ul	99
33) Hexachlorobutadiene	10.887	225	239100	28.112	ng/ul	99
34) Caprolactam	11.540	113	86159	27.869	ng/ul	98
35) 4-Chloro-3-methylphenol	11.881	107	313503	28.645	ng/ul	99
36) 2-Methylnaphthalene	12.228	142	587746	27.676	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	578828	27.858	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	443197	29.087	ng/ul	98
40) Hexachlorocyclopentadiene	12.569	237	256252	26.204	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	274636	29.290	ng/ul	99
42) 2,4,5-Trichlorophenol	12.934	196	293866	29.245	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	784907	27.023	ng/ul	100
44) 2-Chloronaphthalene	13.287	162	638539	27.184	ng/ul	99
45) 2-Nitroaniline	13.510	65	200923	29.821	ng/ul	99
47) Dimethylphthalate	13.887	163	856008	27.727	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	177228	29.031	ng/ul	96
50) Acenaphthylene	14.140	152	1003064	27.503	ng/ul	99
51) 3-Nitroaniline	14.345	138	144789	27.191	ng/ul	99
52) Acenaphthene	14.481	153	660061	27.621	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	98935	24.716	ng/ul	96
55) 4-Nitrophenol	14.675	109	134667	26.143	ng/ul	97
56) Dibenzofuran	14.816	168	969051	28.324	ng/ul	100
57) 2,4-Dinitrotoluene	14.804	165	259387	30.283	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.051	232	263315	29.518	ng/ul	98
59) Diethylphthalate	15.251	149	840374	29.089	ng/ul	99
61) Fluorene	15.469	166	806583	28.783	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	485163	29.012	ng/ul	98
63) 4-Nitroaniline	15.510	138	136117	32.973	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.569	198	177874	26.903	ng/ul	98
67) N-Nitrosodiphenylamine	15.686	169	676621	27.165	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	318612	27.607	ng/ul	95
69) Hexachlorobenzene	16.475	284	370233	27.836	ng/ul	98
70) Atrazine	16.651	200	250806	23.100	ng/ul	100
71) Pentachlorophenol	16.828	266	224031	27.119	ng/ul	98
72) Phenanthrene	17.216	178	1311903	27.641	ng/ul	100
74) Anthracene	17.310	178	1310445	27.237	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	431245	27.565	ng/uL	100
76) Pentachlorobenzene	14.734	250	421720	27.750	ng/uL	99
77) Carbazole	17.592	167	1100489	26.885	ng/ul	99
78) Di-n-butylphthalate	18.139	149	1366832	27.902	ng/ul	99
80) Fluoranthene	19.198	202	1629922	27.870	ng/ul	99
82) Pyrene	19.551	202	1635005	27.545	ng/ul	99
83) Butylbenzylphthalate	20.433	149	568792	27.930	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.204	252	484694	28.134	ng/ul	100
85) Benzo(a)anthracene	21.269	228	1614593	27.335	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	796805	27.258	ng/ul	100
87) Chrysene	21.321	228	1472866	27.279	ng/ul	100
89) Di-n-octyl phthalate	22.098	149	1258719	25.031	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	1471317	27.945	ng/ul	99
91) Benzo(k)fluoranthene	22.968	252	1403591	27.479	ng/ul	99
93) Benzo(a)pyrene	23.533	252	1315005	27.795	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.080	276	1536005	27.452	ng/ul	98
95) Dibenzo(a,h)anthracene	26.092	278	1268831	27.393	ng/ul	100
96) Benzo(g,h,i)perylene	26.833	276	1222640	27.209	ng/ul	99

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

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