Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011924\
Data File : BP019402.D
Acq On : 19 Jan 2024 15:15
Operator : MA/JU
Sample : PB158500BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS500

Quant Time: Jan 19 15:48:17 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	7.763	152	115293	20.000 ng/ul	-0.02
20) Naphthalene-d8	10.563	136	463271	20.000 ng/ul	-0.02
38) Acenaphthene-d10	14.416	164	327186	20.000 ng/ul	-0.01
64) Phenanthrene-d10	17.181	188	771505	20.000 ng/ul	0.00
79) Chrysene-d12	21.286	240	682573	20.000 ng/ul	0.00
88) Perylene-d12	23.645	264	694588	20.000 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.211	96	18591	6.098 ng/uL	-0.01
4) Pyridine-d5	3.622	84	263324	29.867 ng/ul	-0.02
7) Phenol-d5	6.952	99	294223	26.700 ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.105	67	180524	27.389 ng/ul	-0.02
11) 2-Chlorophenol-d4	7.299	132	211419	27.930 ng/ul	-0.02
15) 4-Methylphenol-d8	8.499	113	231792	26.514 ng/ul	-0.02
21) Nitrobenzene-d5	8.934	128	110074	28.242 ng/ul	-0.02
24) 2-Nitrophenol-d4	9.652	143	127613	28.180 ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.199	165	257118	28.103 ng/ul	-0.01
31) 4-Chloroaniline-d4	10.716	131	274957	23.792 ng/ul	-0.01
46) Dimethylphthalate-d6	13.840	166	788396	27.275 ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	845736	27.294 ng/ul	-0.01
54) 4-Nitrophenol-d4	14.663	143	109435	24.654 ng/ul	0.00
60) Fluorene-d10	15.416	176	672060	28.398 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	157248	27.607 ng/ul	0.00
73) Anthracene-d10	17.281	188	1048149	27.240 ng/ul	0.00
81) Pyrene-d10	19.528	212	1259506	28.298 ng/ul	0.00
92) Benzo(a)pyrene-d12	23.492	264	1063145	28.149 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.246	88	40937	12.962 ng/uL	98
5) Pyridine	3.646	79	270880	30.244 ng/ul	94
6) Benzaldehyde	6.911	77	174609	36.346 ng/ul	94
8) Phenol	6.981	94	309115	27.845 ng/ul	99
10) Bis(2-Chloroethyl)ether	7.199	93	243933	27.394 ng/ul	99
12) 2-Chlorophenol	7.328	128	227029	29.018 ng/ul	97
13) 2-Methylphenol	8.228	108	229813	27.599 ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.305	45	303606	28.653 ng/ul	97
16) Acetophenone	8.599	105	390950	28.075 ng/ul	96
17) N-Nitroso-di-n-propyla...	8.581	70	211249	29.115 ng/ul	97
18) 4-Methylphenol	8.558	108	246052	27.757 ng/ul	98
19) Hexachloroethane	8.834	117	101293	28.663 ng/ul	93
22) Nitrobenzene	8.975	77	322496	29.578 ng/ul	98
23) Isophorone	9.505	82	595264	28.162 ng/ul	99
25) 2-Nitrophenol	9.687	139	135093	28.400 ng/ul	94
26) 2,4-Dimethylphenol	9.757	107	279928	27.292 ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.987	93	338843	27.872 ng/ul	100
29) 2,4-Dichlorophenol	10.222	162	254825	28.902 ng/ul	99
30) Naphthalene	10.610	128	732637	28.065 ng/ul	100
32) 4-Chloroaniline	10.740	127	245227	21.689 ng/ul	100
33) Hexachlorobutadiene	10.887	225	219322	28.831 ng/ul	99
34) Caprolactam	11.540	113	77443	28.008 ng/ul	97
35) 4-Chloro-3-methylphenol	11.881	107	283301	28.942 ng/ul	97
36) 2-Methylnaphthalene	12.228	142	522111	27.489 ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	526491	28.331	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	399044	28.144	ng/ul	98
40) Hexachlorocyclopentadiene	12.569	237	232225	25.519	ng/ul	98
41) 2,4,6-Trichlorophenol	12.851	196	242512	27.794	ng/ul	99
42) 2,4,5-Trichlorophenol	12.934	196	263309	28.160	ng/ul	100
43) 1,1'-Biphenyl	13.251	154	748664	27.699	ng/ul	99
44) 2-Chloronaphthalene	13.293	162	604301	27.646	ng/ul	99
45) 2-Nitroaniline	13.516	65	191003	30.465	ng/ul	99
47) Dimethylphthalate	13.887	163	813260	28.309	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	170158	29.953	ng/ul	98
50) Acenaphthylene	14.140	152	947965	27.932	ng/ul	99
51) 3-Nitroaniline	14.345	138	136145	27.476	ng/ul	99
52) Acenaphthene	14.487	153	631736	28.409	ng/ul	99
53) 2,4-Dinitrophenol	14.563	184	90984	24.426	ng/ul	96
55) 4-Nitrophenol	14.681	109	125718	26.227	ng/ul	96
56) Dibenzofuran	14.822	168	917961	28.833	ng/ul	99
57) 2,4-Dinitrotoluene	14.810	165	243312	30.526	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.057	232	245668	29.595	ng/ul	99
59) Diethylphthalate	15.251	149	785206	29.208	ng/ul	100
61) Fluorene	15.475	166	760282	29.155	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	455285	29.257	ng/ul	99
63) 4-Nitroaniline	15.516	138	129053	33.595	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.575	198	165802	27.464	ng/ul	97
67) N-Nitrosodiphenylamine	15.687	169	644836	28.353	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	296782	28.163	ng/ul	97
69) Hexachlorobenzene	16.481	284	339675	27.969	ng/ul	97
70) Atrazine	16.651	200	233176	23.520	ng/ul	98
71) Pentachlorophenol	16.834	266	205928	27.300	ng/ul	100
72) Phenanthrene	17.222	178	1220682	28.167	ng/ul	99
74) Anthracene	17.316	178	1225154	27.887	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	397850	27.851	ng/uL	100
76) Pentachlorobenzene	14.740	250	394534	28.432	ng/uL	99
77) Carbazole	17.598	167	1025112	27.427	ng/ul	99
78) Di-n-butylphthalate	18.145	149	1261729	28.208	ng/ul	99
80) Fluoranthene	19.204	202	1510197	28.706	ng/ul	99
82) Pyrene	19.557	202	1529099	28.636	ng/ul	99
83) Butylbenzylphthalate	20.439	149	517677	28.258	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.210	252	448641	28.948	ng/ul	99
85) Benzo(a)anthracene	21.274	228	1506350	28.349	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	723602	27.517	ng/ul	100
87) Chrysene	21.327	228	1381653	28.446	ng/ul	99
89) Di-n-octyl phthalate	22.104	149	1162790	24.527	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	1381968	27.841	ng/ul	99
91) Benzo(k)fluoranthene	22.974	252	1345063	27.933	ng/ul	99
93) Benzo(a)pyrene	23.545	252	1265781	28.379	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.092	276	1520720	28.829	ng/ul	99
95) Dibenzo(a,h)anthracene	26.110	278	1255471	28.750	ng/ul	100
96) Benzo(g,h,i)perylene	26.845	276	1203927	28.420	ng/ul	99

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

Quantitation Report (QT Reviewed)

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