Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016120.D
Acq On : 09 Jul 2023 07:44
Operator : MA/JU
Sample : PB153850BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Jul 09 23:11:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS850

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	196943	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.834	136	888421	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.663	164	573506	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.427	188	1334604	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.527	240	1327210	20.000	ng/ul	-0.01
88) Perylene-d12	24.068	264	1383516	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	31628	5.778	ng/uL	0.00
4) Pyridine-d5	3.793	84	405642	29.397	ng/ul	-0.01
7) Phenol-d5	7.199	99	580858	34.471	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.340	67	373778	35.853	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.546	132	428681	33.701	ng/ul	-0.02
15) 4-Methylphenol-d8	8.751	113	447179	33.593	ng/ul	-0.02
21) Nitrobenzene-d5	9.204	128	220249	32.439	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.934	143	247298	31.207	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.492	165	438630	31.062	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.010	131	595487	32.827	ng/ul	-0.01
46) Dimethylphthalate-d6	14.075	166	1456980	32.868	ng/ul	-0.01
49) Acenaphthylene-d8	14.357	160	1630610	32.723	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.945	143	126988	21.709	ng/ul	-0.02
60) Fluorene-d10	15.663	176	1243000	34.055	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.839	200	243508	29.668	ng/ul	-0.01
73) Anthracene-d10	17.533	188	2035890	33.396	ng/ul	-0.01
81) Pyrene-d10	19.768	212	2507428	28.933	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	2427774	34.786	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	64386	10.930	ng/uL	99
5) Pyridine	3.810	79	406864	28.186	ng/ul	97
6) Benzaldehyde	7.169	77	314418m	46.151	ng/ul	
8) Phenol	7.228	94	573195	32.779	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.434	93	460213	33.078	ng/ul	99
12) 2-Chlorophenol	7.575	128	425337	31.474	ng/ul	95
13) 2-Methylphenol	8.481	108	428345	32.444	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	709127m	37.317	ng/ul	
16) Acetophenone	8.863	105	710665	32.476	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.834	70	390635	32.141	ng/ul	100
18) 4-Methylphenol	8.822	108	470017	33.134	ng/ul	99
19) Hexachloroethane	9.081	117	187209	29.994	ng/ul	90
22) Nitrobenzene	9.245	77	567305	29.754	ng/ul	97
23) Isophorone	9.769	82	1113790	30.526	ng/ul	99
25) 2-Nitrophenol	9.963	139	247978	29.486	ng/ul	97
26) 2,4-Dimethylphenol	10.028	107	506419	27.392	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.245	93	659185	32.003	ng/ul	98
29) 2,4-Dichlorophenol	10.522	162	414644	29.535	ng/ul	99
30) Naphthalene	10.887	128	1440451	29.825	ng/ul	100
32) 4-Chloroaniline	11.034	127	497842	26.415	ng/ul	98
33) Hexachlorobutadiene	11.140	225	265714	25.063	ng/ul	99
34) Caprolactam	11.857	113	153581	35.764	ng/ul	93
35) 4-Chloro-3-methylphenol	12.169	107	512351	31.178	ng/ul	99
36) 2-Methylnaphthalene	12.498	142	966294	30.393	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.716	142	983237	30.315 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.869	216	519920	27.510 ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	119577	21.150 ng/ul	95
41) 2,4,6-Trichlorophenol	13.128	196	335913	28.125 ng/ul	99
42) 2,4,5-Trichlorophenol	13.222	196	369243	29.146 ng/ul	98
43) 1,1'-Biphenyl	13.498	154	1336330	29.418 ng/ul	97
44) 2-Chloronaphthalene	13.551	162	1048646	29.304 ng/ul	98
45) 2-Nitroaniline	13.786	65	374950	33.300 ng/ul	97
47) Dimethylphthalate	14.122	163	1415463	30.855 ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	295424	31.747 ng/ul	98
50) Acenaphthylene	14.386	152	1687733	30.739 ng/ul	99
51) 3-Nitroaniline	14.628	138	285748	39.158 ng/ul	92
52) Acenaphthene	14.728	153	1177452	30.925 ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	127285	25.782 ng/ul	90
55) 4-Nitrophenol	14.980	109	210112	34.661 ng/ul#	52
56) Dibenzofuran	15.069	168	1647706	31.175 ng/ul	96
57) 2,4-Dinitrotoluene	15.086	165	427896	33.743 ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.316	232	326775	30.030 ng/ul	99
59) Diethylphthalate	15.480	149	1497532	32.258 ng/ul	99
61) Fluorene	15.716	166	1354999	31.607 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.704	204	656101	29.909 ng/ul	94
63) 4-Nitroaniline	15.804	138	288185m	57.702 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.857	198	224482	27.032 ng/ul#	99
67) N-Nitrosodiphenylamine	15.927	169	1165423	29.169 ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	419844	27.548 ng/ul	88
69) Hexachlorobenzene	16.727	284	490516	27.277 ng/ul	96
70) Atrazine	16.892	200	321225	21.004 ng/ul	99
71) Pentachlorophenol	17.104	266	215520	24.971 ng/ul	95
72) Phenanthrene	17.469	178	2279070	31.434 ng/ul	100
74) Anthracene	17.569	178	2308053	31.681 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	537249	24.739 ng/uL	97
76) Pentachlorobenzene	14.986	250	1270391	57.962 ng/uL	99
77) Carbazole	17.863	167	2126630	34.633 ng/ul	99
78) Di-n-butylphthalate	18.357	149	2773913	34.075 ng/ul	100
80) Fluoranthene	19.439	202	2828494	26.261 ng/ul#	94
82) Pyrene	19.798	202	2958387	26.927 ng/ul#	91
83) Butylbenzylphthalate	20.639	149	1364964	30.452 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.445	252	1000370	33.343 ng/ul	99
85) Benzo(a)anthracene	21.510	228	2827957	30.290 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	2027368	32.912 ng/ul	99
87) Chrysene	21.568	228	2873988	32.446 ng/ul	99
89) Di-n-octyl phthalate	22.339	149	3462649	34.247 ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	2761311	31.062 ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	2799019	31.163 ng/ul#	98
93) Benzo(a)pyrene	23.951	252	2472559	31.831 ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.745	276	2933353	27.818 ng/ul#	94
95) Dibenzo(a,h)anthracene	26.745	278	2384139	27.526 ng/ul#	96
96) Benzo(g,h,i)perylene	27.586	276	2315320	26.690 ng/ul#	95

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

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Misc   :
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