

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080522\
 Data File : BP011297.D
 Acq On : 06 Aug 2022 01:54
 Operator : CG/JU
 Sample : PB146743BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS743

Quant Time: Aug 06 02:59:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 02 23:52:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/08/2022
 Supervised By :Sohil Jodhani 08/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	114826	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.387	136	556782	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.263	164	440251	20.000	ng/u1	#-0.01
64) Phenanthrene-d10	17.039	188	862498	20.000	ng/u1	0.00
79) Chrysene-d12	21.163	240	988728	20.000	ng/u1	-0.01
88) Perylene-d12	23.469	264	856276	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	4195	2.954	ng/uL	0.00
4) Pyridine-d5	3.499	84	75646	19.748	ng/u1	0.00
7) Phenol-d5	6.781	99	326689	34.140	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	259777	37.622	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.128	132	252975	32.434	ng/u1	-0.01
15) 4-Methylphenol-d8	8.322	113	256811	32.616	ng/u1	0.00
21) Nitrobenzene-d5	8.758	128	184247	46.006	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.475	143	150790	40.169	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.016	165	306469	42.812	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	600804	54.251	ng/u1	0.00
46) Dimethylphthalate-d6	13.693	166	1014501	33.645	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	1505866	39.693	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.498	143	223761	43.640	ng/u1	0.00
60) Fluorene-d10	15.269	176	1111298	43.314	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	193845	48.402	ng/u1	-0.01
73) Anthracene-d10	17.139	188	1764365	46.546	ng/u1	0.00
81) Pyrene-d10	19.398	212	1900949	38.026	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.322	264	1789426	41.937	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	8861	6.765	ng/uL#	73
5) Pyridine	3.517	79	72236	18.623	ng/u1	95
6) Benzaldehyde	6.746	77	196050	41.910	ng/u1	97
8) Phenol	6.805	94	359054	34.992	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.034	93	304332	36.146	ng/u1	97
12) 2-Chlorophenol	7.158	128	290724	35.885	ng/u1	97
13) 2-Methylphenol	8.052	108	234591	30.216	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.134	45	474351	33.062	ng/u1#	94
16) Acetophenone	8.422	105	725160	56.830	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.416	70	257566	41.482	ng/u1	98
18) 4-Methylphenol	8.381	108	330428	39.684	ng/u1	99
19) Hexachloroethane	8.658	117	217351	55.947	ng/u1	99
22) Nitrobenzene	8.799	77	504598	45.978	ng/u1	98
23) Isophorone	9.334	82	681441	34.894	ng/u1	98
25) 2-Nitrophenol	9.510	139	184581	42.491	ng/u1	99
26) 2,4-Dimethylphenol	9.581	107	341093	34.707	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.822	93	436898	35.534	ng/u1	99
29) 2,4-Dichlorophenol	10.040	162	346395	46.302	ng/u1	98
30) Naphthalene	10.434	128	1410953	48.002	ng/u1	100
32) 4-Chloroaniline	10.563	127	480010	42.794	ng/u1	99
33) Hexachlorobutadiene	10.716	225	248798	53.241	ng/u1	99
34) Caprolactam	11.369	113	75996m	34.296	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	376135	44.458	ng/u1	96
36) 2-Methylnaphthalene	12.063	142	856308	46.624	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	894534	48.486	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	450171	37.389	ng/ul	97
40) Hexachlorocyclopentadiene	12.410	237	203037	26.690	ng/ul	100
41) 2,4,6-Trichlorophenol	12.687	196	229366	30.408	ng/ul	98
42) 2,4,5-Trichlorophenol	12.757	196	284664	35.167	ng/ul	97
43) 1,1'-Biphenyl	13.093	154	1309561	37.270	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	1008319	38.468	ng/ul	99
45) 2-Nitroaniline	13.357	65	191410	30.358	ng/ul	94
47) Dimethylphthalate	13.740	163	1102962	36.260	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	189591	41.522	ng/ul	95
50) Acenaphthylene	13.987	152	1752231	40.875	ng/ul	100
51) 3-Nitroaniline	14.193	138	195673	38.852	ng/ul	98
52) Acenaphthene	14.334	153	1131799	40.817	ng/ul	94
53) 2,4-Dinitrophenol	14.398	184	107898	39.792	ng/ul	97
55) 4-Nitrophenol	14.510	109	184616	39.897	ng/ul	97
56) Dibenzofuran	14.669	168	1657759	43.688	ng/ul	97
57) 2,4-Dinitrotoluene	14.651	165	358274	49.822	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.904	232	236667	38.721	ng/ul	93
59) Diethylphthalate	15.116	149	1059513	33.750	ng/ul	99
61) Fluorene	15.328	166	1355190	44.824	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.328	204	603329	45.188	ng/ul	98
63) 4-Nitroaniline	15.369	138	226351m	53.715	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	185087	44.693	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	947867	37.599	ng/ul#	89
68) 4-Bromophenyl-phenylether	16.228	248	304857	39.182	ng/ul	98
69) Hexachlorobenzene	16.328	284	398331	43.827	ng/ul	98
70) Atrazine	16.522	200	132079	17.514	ng/ul	98
71) Pentachlorophenol	16.687	266	204199	38.360	ng/ul	100
72) Phenanthrene	17.081	178	2149972	45.530	ng/ul	100
74) Anthracene	17.169	178	2168522	46.176	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	407399	30.866	ng/ul	100
76) Pentachlorobenzene	14.587	250	471150	41.874	ng/ul	99
77) Carbazole	17.451	167	1869863	44.394	ng/ul	100
78) Di-n-butylphthalate	18.028	149	1460176	27.947	ng/ul#	96
80) Fluoranthene	19.069	202	2243014	36.687	ng/ul	99
82) Pyrene	19.428	202	2515721	39.432	ng/ul	99
83) Butylbenzylphthalate	20.322	149	408616	16.773	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.092	252	337360	20.862	ng/ul	99
85) Benzo(a)anthracene	21.145	228	2309881	37.379	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.092	149	735312	17.665	ng/ul	100
87) Chrysene	21.198	228	2285096	37.569	ng/ul	99
89) Di-n-octyl phthalate	21.986	149	1284615	22.003	ng/ul	100
90) Benzo(b)fluoranthene	22.769	252	2234644	40.963	ng/ul	98
91) Benzo(k)fluoranthene	22.816	252	2217620	43.329	ng/ul	98
93) Benzo(a)pyrene	23.374	252	2205011	41.523	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.857	276	2435078	38.423	ng/ul	97
95) Dibenzo(a,h)anthracene	25.874	278	2122351	39.491	ng/ul	100
96) Benzo(g,h,i)perylene	26.586	276	2044300	37.643	ng/ul	96

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

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