

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
 Data File : BP011214.D
 Acq On : 01 Aug 2022 23:55
 Operator : CG/JU
 Sample : PB146541BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS541

Quant Time: Aug 02 00:30:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 28 16:05:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2022
 Supervised By :mohammad ahmed 08/03/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	227821	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	961840	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.316	164	522616	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1077778	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.210	240	1019073	20.000	ng/u1	# 0.00
88) Perylene-d12	23.557	264	1083542	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	24721m	4.969	ng/uL	0.00
4) Pyridine-d5	3.558	84	344843	24.503	ng/u1	0.00
7) Phenol-d5	6.828	99	765657	38.504	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	526935	37.475	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	629121	40.146	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	606074	37.259	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	305636	40.887	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	303117	42.334	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	526531	41.727	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	783892	38.320	ng/u1	0.00
46) Dimethylphthalate-d6	13.734	166	1516807	42.599	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	1905597	42.588	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	305126	47.641	ng/u1	0.01
60) Fluorene-d10	15.316	176	1264491	42.262	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	217064	39.953	ng/u1	0.01
73) Anthracene-d10	17.186	188	1924436	40.523	ng/u1	0.00
81) Pyrene-d10	19.445	212	2228144	40.690	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.410	264	2280141	42.367	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	52146	10.127	ng/uL#	76
5) Pyridine	3.575	79	365467	25.174	ng/u1#	71
6) Benzaldehyde	6.799	77	575772	60.026	ng/u1	96
8) Phenol	6.858	94	848411	39.769	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.087	93	705914	40.811	ng/u1	95
12) 2-Chlorophenol	7.211	128	684845	42.035	ng/u1	99
13) 2-Methylphenol	8.105	108	632549	40.004	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.187	45	1192779	41.171	ng/u1	96
16) Acetophenone	8.475	105	1027323	40.601	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.469	70	522783	39.085	ng/u1	99
18) 4-Methylphenol	8.434	108	675874	39.690	ng/u1	100
19) Hexachloroethane	8.716	117	318285	43.491	ng/u1#	74
22) Nitrobenzene	8.852	77	852180	44.341	ng/u1	98
23) Isophorone	9.387	82	1507640	43.357	ng/u1	98
25) 2-Nitrophenol	9.563	139	353315	43.913	ng/u1	90
26) 2,4-Dimethylphenol	9.634	107	688038	39.808	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	910667	41.682	ng/u1	98
29) 2,4-Dichlorophenol	10.093	162	557304	42.704	ng/u1	97
30) Naphthalene	10.487	128	2174896	42.980	ng/u1	99
32) 4-Chloroaniline	10.610	127	826712	40.672	ng/u1	99
33) Hexachlorobutadiene	10.769	225	335869	42.139	ng/u1	97
34) Caprolactam	11.416	113	201009m	46.314	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	668198	45.664	ng/u1	97
36) 2-Methylnaphthalene	12.116	142	1346971	42.063	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	1353370	42.187	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.487	216	586658	40.347	ng/ul#	97
40) Hexachlorocyclopentadiene	12.457	237	274530	28.638	ng/ul	97
41) 2,4,6-Trichlorophenol	12.740	196	397082	43.490	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	436984	45.211	ng/ul	100
43) 1,1'-Biphenyl	13.140	154	1710810	40.971	ng/ul#	97
44) 2-Chloronaphthalene	13.181	162	1309908	41.961	ng/ul	96
45) 2-Nitroaniline	13.398	65	444262	48.966	ng/ul	96
47) Dimethylphthalate	13.787	163	1613249	44.988	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	315118	50.291	ng/ul	90
50) Acenaphthylene	14.034	152	2104787	42.108	ng/ul	99
51) 3-Nitroaniline	14.240	138	373043	55.126	ng/ul	96
52) Acenaphthene	14.381	153	1433162	43.894	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	157664	44.616	ng/ul	96
55) 4-Nitrophenol	14.557	109	278138	50.540	ng/ul#	80
56) Dibenzofuran	14.716	168	1890551	42.598	ng/ul	97
57) 2,4-Dinitrotoluene	14.698	165	479110	54.803	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.951	232	348350	49.566	ng/ul#	80
59) Diethylphthalate	15.163	149	1731334	48.307	ng/ul	97
61) Fluorene	15.375	166	1567570	45.424	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.375	204	674061	42.916	ng/ul#	88
63) 4-Nitroaniline	15.410	138	396795m	68.970	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.469	198	237286	43.003	ng/ul	91
67) N-Nitrosodiphenylamine	15.592	169	1306202	39.437	ng/ul	97
68) 4-Bromophenyl-phenylether	16.275	248	417266	40.345	ng/ul#	89
69) Hexachlorobenzene	16.381	284	477167	40.331	ng/ul#	87
70) Atrazine	16.563	200	399908	38.395	ng/ul	96
71) Pentachlorophenol	16.734	266	287004	42.252	ng/ul	98
72) Phenanthrene	17.128	178	2510235	42.557	ng/ul	98
74) Anthracene	17.222	178	2492157	42.707	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	611034	32.886	ng/uL	98
76) Pentachlorobenzene	14.634	250	558179	36.450	ng/uL	98
77) Carbazole	17.504	167	2385549	46.143	ng/ul	98
78) Di-n-butylphthalate	18.069	149	3085544	49.908	ng/ul	99
80) Fluoranthene	19.116	202	2894188	42.787	ng/ul#	84
82) Pyrene	19.475	202	2967826	42.697	ng/ul#	82
83) Butylbenzylphthalate	20.369	149	1448462	52.039	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.139	252	903506	50.831	ng/ul#	98
85) Benzo(a)anthracene	21.198	228	2869869	45.302	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.133	149	2183091	51.896	ng/ul#	95
87) Chrysene	21.251	228	2729249	43.337	ng/ul	99
89) Di-n-octyl phthalate	22.045	149	3940349	52.911	ng/ul	100
90) Benzo(b)fluoranthene	22.845	252	3073727	44.998	ng/ul#	95
91) Benzo(k)fluoranthene	22.892	252	2902815	44.776	ng/ul#	94
93) Benzo(a)pyrene	23.457	252	2678760	40.204	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	25.992	276	3578078	43.589	ng/ul#	86
95) Dibenzo(a,h)anthracene	26.010	278	2931758	41.641	ng/ul#	91
96) Benzo(g,h,i)perylene	26.733	276	2925122	41.202	ng/ul#	86

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

