

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020154.D
 Acq On : 02 May 2024 20:42
 Operator : MA/JU
 Sample : PB160610BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS610

Quant Time: May 03 00:55:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 00:38:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
 Supervised By :mohammad ahmed 05/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	73526	20.000	ng/u1	0.00
20) Naphthalene-d8	10.399	136	325055	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.299	164	235930	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.134	188	507272	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	398455	20.000	ng/u1	0.00
88) Perylene-d12	25.010	264	317376	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	11617	6.673	ng/uL	0.00
4) Pyridine-d5	3.623	84	125412	24.792	ng/u1	0.00
7) Phenol-d5	6.811	99	224369	35.533	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	129323	33.715	ng/u1	0.00
11) 2-Chlorophenol-d4	7.164	132	157854	34.970	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	186809	36.593	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	83890	34.464	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	98671	35.398	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	186229	36.611	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	88129	12.379	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	613589	35.614	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	658023	34.574	ng/u1	0.00
54) 4-Nitrophenol-d4	14.546	143	95564	36.090	ng/u1	0.00
60) Fluorene-d10	15.316	176	509738	35.471	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	118311	36.754	ng/u1	0.00
73) Anthracene-d10	17.234	188	791705	36.077	ng/u1	0.00
81) Pyrene-d10	19.639	212	903751	38.801	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.763	264	551725	35.954	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	23476	11.883	ng/uL	97
5) Pyridine	3.640	79	151271	29.565	ng/u1	93
6) Benzaldehyde	6.799	77	32934	10.377	ng/u1	91
8) Phenol	6.834	94	238635	36.616	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.069	93	180292	35.353	ng/u1	98
12) 2-Chlorophenol	7.193	128	173863	36.891	ng/u1	99
13) 2-Methylphenol	8.069	108	180979	37.228	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	226463	35.598	ng/u1	99
16) Acetophenone	8.452	105	303767	35.852	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.434	70	171680	37.339	ng/u1	97
18) 4-Methylphenol	8.399	108	198076	37.487	ng/u1	97
19) Hexachloroethane	8.675	117	75235	34.908	ng/u1	97
22) Nitrobenzene	8.822	77	249789	35.748	ng/u1	99
23) Isophorone	9.346	82	478776	35.633	ng/u1	98
25) 2-Nitrophenol	9.528	139	107355	37.182	ng/u1	98
26) 2,4-Dimethylphenol	9.587	107	228524	36.279	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.828	93	262081	35.184	ng/u1	100
29) 2,4-Dichlorophenol	10.063	162	187417	37.879	ng/u1	98
30) Naphthalene	10.452	128	578529	34.530	ng/u1	99
32) 4-Chloroaniline	10.587	127	120288	17.279	ng/u1	96
33) Hexachlorobutadiene	10.710	225	132887	34.579	ng/u1	97
34) Caprolactam	11.399	113	70035m	40.539	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	243533	39.533	ng/u1	99
36) 2-Methylnaphthalene	12.075	142	425266	36.480	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.299	142	419869	35.791	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.452	216	254621	34.604	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	127149	31.773	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	164752	35.704	ng/ul	98
42) 2,4,5-Trichlorophenol	12.793	196	181771	36.609	ng/ul	94
43) 1,1'-Biphenyl	13.110	154	584373	35.019	ng/ul	98
44) 2-Chloronaphthalene	13.152	162	459835	34.727	ng/ul	99
45) 2-Nitroaniline	13.387	65	170887	38.907	ng/ul	96
47) Dimethylphthalate	13.763	163	637030	36.605	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	132892	38.412	ng/ul	91
50) Acenaphthylene	14.016	152	767806	35.867	ng/ul	99
51) 3-Nitroaniline	14.234	138	88125	27.311	ng/ul	97
52) Acenaphthene	14.363	153	510973	35.519	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	83179	39.170	ng/ul	94
55) 4-Nitrophenol	14.563	109	108303	39.284	ng/ul	94
56) Dibenzofuran	14.710	168	718933	36.337	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	199958	40.201	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.946	232	159926	35.868	ng/ul	98
59) Diethylphthalate	15.157	149	658724	37.919	ng/ul	100
61) Fluorene	15.375	166	596372	36.277	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.375	204	324425	37.198	ng/ul	96
63) 4-Nitroaniline	15.434	138	105008	39.050	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.481	198	130422	38.855	ng/ul	99
67) N-Nitrosodiphenylamine	15.598	169	428819	30.361	ng/ul	99
68) 4-Bromophenyl-phenylether	16.293	248	203845	37.099	ng/ul	93
69) Hexachlorobenzene	16.398	284	233816	36.740	ng/ul	97
71) Pentachlorophenol	16.769	266	133468	34.697	ng/ul	96
72) Phenanthrene	17.181	178	955003	36.899	ng/ul	98
74) Anthracene	17.275	178	984774	37.409	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	259541	34.426	ng/uL	98
76) Pentachlorobenzene	14.622	250	265642	35.210	ng/uL	97
77) Carbazole	17.575	167	754743	33.282	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1095391	39.850	ng/ul	100
80) Fluoranthene	19.286	202	1119938	40.857	ng/ul	99
82) Pyrene	19.669	202	1153317	40.438	ng/ul	99
83) Butylbenzylphthalate	20.651	149	436670	40.334	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.557	252	18477	2.278	ng/ul#	97
85) Benzo(a)anthracene	21.616	228	1010547	37.392	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	580658	37.177	ng/ul	97
87) Chrysene	21.686	228	945316	37.740	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	873934	42.997	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	821233	43.499	ng/ul	99
91) Benzo(k)fluoranthene	23.998	252	830523	43.167	ng/ul	99
93) Benzo(a)pyrene	24.827	252	747968	41.637	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.821	276	897611m	40.761	ng/ul	
95) Dibenzo(a,h)anthracene	28.892	278	748474m	41.092	ng/ul	
96) Benzo(g,h,i)perylene	29.992	276	718336m	40.445	ng/ul	

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

