

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010307.D
 Acq On : 12 May 2022 03:50
 Operator : CG/JU
 Sample : PB144661BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS661

Quant Time: May 12 05:33:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 01:10:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

05/12/2022
 Supervised By :Yogesh
 Patel

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	174902	20.000	ng/u1	0.00
20) Naphthalene-d8	10.705	136	790865	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	552902	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.287	188	1219290	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.369	240	1229820	20.000	ng/u1	0.00
88) Perylene-d12	23.804	264	1169354	20.000	ng/u1	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	20912m	5.079	ng/uL	0.00
4) Pyridine-d5	3.764	84	295758	25.815	ng/u1	0.00
7) Phenol-d5	7.069	99	409598	25.214	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	271738	27.040	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	321403	26.865	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	351202m	26.297	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	168478	26.568	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	188918	26.129	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	347442	26.402	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	453261	23.331	ng/u1	0.00
46) Dimethylphthalate-d6	13.946	166	1165322	26.456	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	1316948	25.077	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	212256m	25.122	ng/u1	0.00
60) Fluorene-d10	15.528	176	1001405	26.933	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	213053	25.517	ng/u1	0.00
73) Anthracene-d10	17.387	188	1554401	26.033	ng/u1	0.00
81) Pyrene-d10	19.616	212	1918295	28.226	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	1771852	28.412	ng/u1	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.381	88	44757	10.635	ng/uL#	8
5) Pyridine	3.781	79	322825	26.884	ng/u1#	32
6) Benzaldehyde	7.046	77	279207	31.102	ng/u1	96
8) Phenol	7.099	94	460170	28.098	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.328	93	357462	27.892	ng/u1#	75
12) 2-Chlorophenol	7.469	128	347789	28.945	ng/u1	97
13) 2-Methylphenol	8.352	108	344997	27.753	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.434	45	585861	29.062	ng/u1#	82
16) Acetophenone	8.728	105	574547	27.523	ng/u1#	78
17) N-Nitroso-di-n-propyla...	8.716	70	314675	28.855	ng/u1#	72
18) 4-Methylphenol	8.681	108	384813	28.294	ng/u1	94
19) Hexachloroethane	8.987	117	147992	28.888	ng/u1	84
22) Nitrobenzene	9.105	77	458105	28.459	ng/u1#	83
23) Isophorone	9.640	82	871300	27.638	ng/u1#	97
25) 2-Nitrophenol	9.822	139	210459	28.335	ng/u1#	85
26) 2,4-Dimethylphenol	9.881	107	420371	26.506	ng/u1#	79
27) Bis(2-Chloroethoxy)met...	10.116	93	509221	27.524	ng/u1#	97
29) 2,4-Dichlorophenol	10.358	162	369234	28.723	ng/u1#	85
30) Naphthalene	10.758	128	1167925	27.677	ng/u1	97
32) 4-Chloroaniline	10.869	127	472111	24.351	ng/u1	97
33) Hexachlorobutadiene	11.052	225	249851	28.381	ng/u1	95
34) Caprolactam	11.646	113	137244m	28.022	ng/u1	
35) 4-Chloro-3-methylphenol	11.993	107	439067	28.385	ng/u1#	69
36) 2-Methylnaphthalene	12.363	142	831423	27.827	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.587	142	853863	28.113	ng/ul#	96	05/17/2022
39) 1,2,4,5-Tetrachloroben...	12.734	216	477278	28.080	ng/ul	94	
40) Hexachlorocyclopentadiene	12.716	237	245058	25.864	ng/ul	98	
41) 2,4,6-Trichlorophenol	12.975	196	318189	28.545	ng/ul#	82	
42) 2,4,5-Trichlorophenol	13.046	196	357508m	29.429	ng/ul		
43) 1,1'-Biphenyl	13.375	154	1169856	28.324	ng/ul	93	
44) 2-Chloronaphthalene	13.416	162	903009	28.227	ng/ul	93	
45) 2-Nitroaniline	13.616	65	322108	29.742	ng/ul#	80	
47) Dimethylphthalate	13.993	163	1201051	28.103	ng/ul#	93	
48) 2,6-Dinitrotoluene	14.110	165	259788	29.791	ng/ul	97	
50) Acenaphthylene	14.257	152	1478989	28.152	ng/ul	95	
51) 3-Nitroaniline	14.440	138	242744	31.817	ng/ul#	85	
52) Acenaphthene	14.604	153	954694	28.072	ng/ul	98	
53) 2,4-Dinitrophenol	14.646	184	144675	25.354	ng/ul#	76	
55) 4-Nitrophenol	14.751	109	197779	27.601	ng/ul#	44	
56) Dibenzofuran	14.934	168	1398953	28.112	ng/ul	100	
57) 2,4-Dinitrotoluene	14.898	165	374707	29.370	ng/ul#	78	
58) 2,3,4,6-Tetrachlorophenol	15.163	232	307725	28.539	ng/ul#	85	
59) Diethylphthalate	15.357	149	1247562	28.278	ng/ul	94	
61) Fluorene	15.587	166	1162219	28.196	ng/ul	91	
62) 4-Chlorophenyl-phenyle...	15.581	204	600746	28.193	ng/ul	98	
63) 4-Nitroaniline	15.604	138	261260m	34.654	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.669	198	219306	26.961	ng/ul#	91	
67) N-Nitrosodiphenylamine	15.793	169	1025911	28.623	ng/ul	94	
68) 4-Bromophenyl-phenylether	16.475	248	372895	28.952	ng/ul	96	
69) Hexachlorobenzene	16.598	284	425163	28.541	ng/ul#	90	
70) Atrazine	16.751	200	411112	28.391	ng/ul#	88	
71) Pentachlorophenol	16.940	266	267684	27.072	ng/ul#	85	
72) Phenanthrene	17.334	178	1935624	28.793	ng/ul	99	
74) Anthracene	17.422	178	1908544	27.992	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.340	216	495135	27.754	ng/uL#	86	
76) Pentachlorobenzene	14.863	250	480761	28.185	ng/uL	92	
77) Carbazole	17.692	167	1724987	28.040	ng/ul#	95	
78) Di-n-butylphthalate	18.239	149	2187732	28.138	ng/ul#	93	
80) Fluoranthene	19.292	202	2340990	30.295	ng/ul	98	
82) Pyrene	19.645	202	2407255	30.097	ng/ul	97	
83) Butylbenzylphthalate	20.516	149	1022674	30.023	ng/ul#	80	
84) 3,3'-Dichlorobenzidine	21.286	252	769332	29.268	ng/ul#	98	
85) Benzo(a)anthracene	21.357	228	2333132	29.020	ng/ul	95	
86) Bis(2-ethylhexyl)phtha...	21.275	149	1509655	29.376	ng/ul#	81	
87) Chrysene	21.404	228	2295205	28.805	ng/ul	98	
89) Di-n-octyl phthalate	22.210	149	2601222	33.045	ng/ul	100	
90) Benzo(b)fluoranthene	23.063	252	2440275	31.775	ng/ul	99	
91) Benzo(k)fluoranthene	23.110	252	2197855	30.331	ng/ul#	98	
93) Benzo(a)pyrene	23.698	252	2262678	30.414	ng/ul#	98	
94) Indeno(1,2,3-cd)pyrene	26.345	276	2265459	27.549	ng/ul#	92	
95) Dibenzo(a,h)anthracene	26.357	278	1979984	28.162	ng/ul#	94	
96) Benzo(g,h,i)perylene	27.115	276	1857838	26.750	ng/ul#	92	

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

