

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050422\
 Data File : BP010236.D
 Acq On : 04 May 2022 22:29
 Operator : CG/JU
 Sample : PB144568BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS568

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/05/2022
 Supervised By :mohammad ahmed 05/09/2022

Quant Time: May 05 02:42:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 03 00:58:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	177887	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	788504	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	525317	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	1076625	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.386	240	748682	20.000	ng/ul	# 0.00
88) Perylene-d12	23.827	264	630518	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	26552m	6.509	ng/uL	0.00
4) Pyridine-d5	3.769	84	305977	26.662	ng/ul	0.00
7) Phenol-d5	7.081	99	510859	31.573	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.245	67	344670	35.500	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	417391	34.832	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	442871	33.035	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	217843	34.736	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	242054	35.341	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	439692	32.976	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	407539	21.317	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	1414253	34.609	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	1616175	32.679	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	226878	30.158	ng/ul	0.00
60) Fluorene-d10	15.545	176	1191288	33.890	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	229047	33.646	ng/ul	0.00
73) Anthracene-d10	17.404	188	1799490	34.548	ng/ul	0.00
81) Pyrene-d10	19.633	212	1881844	44.198	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	1238149	37.457	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	52472	12.378	ng/uL#	16
5) Pyridine	3.787	79	377689	31.661	ng/ul#	43
6) Benzaldehyde	7.051	77	344073	39.792	ng/ul	95
8) Phenol	7.110	94	539594	33.190	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.340	93	428515	34.211	ng/ul#	79
12) 2-Chlorophenol	7.481	128	408208	33.772	ng/ul	97
13) 2-Methylphenol	8.363	108	411179	32.977	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.445	45	661558	35.594	ng/ul#	83
16) Acetophenone	8.739	105	669360	32.002	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.734	70	363121	33.136	ng/ul#	75
18) 4-Methylphenol	8.692	108	445951	32.484	ng/ul	91
19) Hexachloroethane	8.998	117	174983	34.452	ng/ul#	80
22) Nitrobenzene	9.122	77	524859	34.159	ng/ul#	85
23) Isophorone	9.651	82	1008807	33.241	ng/ul#	97
25) 2-Nitrophenol	9.834	139	249525	34.398	ng/ul#	84
26) 2,4-Dimethylphenol	9.898	107	507775	32.332	ng/ul#	78
27) Bis(2-Chloroethoxy)met...	10.128	93	604057	33.959	ng/ul#	97
29) 2,4-Dichlorophenol	10.369	162	430538	33.590	ng/ul#	84
30) Naphthalene	10.769	128	1388127	33.636	ng/ul	96
32) 4-Chloroaniline	10.881	127	562813	29.874	ng/ul	97
33) Hexachlorobutadiene	11.063	225	300799	33.113	ng/ul	94
34) Caprolactam	11.657	113	146883	31.859	ng/ul#	1
35) 4-Chloro-3-methylphenol	12.004	107	502310	32.442	ng/ul#	72
36) 2-Methylnaphthalene	12.380	142	977831	32.670	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	998771	32.864	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.751	216	561295	34.584	ng/ul	94
40) Hexachlorocyclopentadiene	12.733	237	293698	32.111	ng/ul	98
41) 2,4,6-Trichlorophenol	12.986	196	366940	34.944	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.057	196	404809	35.431	ng/ul#	88
43) 1,1'-Biphenyl	13.386	154	1345166	34.718	ng/ul#	93
44) 2-Chloronaphthalene	13.427	162	1026993	34.252	ng/ul	94
45) 2-Nitroaniline	13.627	65	342243	35.201	ng/ul#	81
47) Dimethylphthalate	14.004	163	1348003	33.942	ng/ul#	92
48) 2,6-Dinitrotoluene	14.127	165	288346	35.379	ng/ul	91
50) Acenaphthylene	14.274	152	1669353	34.076	ng/ul	95
51) 3-Nitroaniline	14.451	138	273504	37.045	ng/ul#	79
52) Acenaphthene	14.616	153	1084815	34.056	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	134680	29.572	ng/ul#	77
55) 4-Nitrophenol	14.763	109	185894	28.442	ng/ul#	40
56) Dibenzofuran	14.951	168	1578910	33.473	ng/ul	100
57) 2,4-Dinitrotoluene	14.910	165	406970	34.181	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.174	232	339983	33.476	ng/ul#	87
59) Diethylphthalate	15.369	149	1380376	34.172	ng/ul	93
61) Fluorene	15.598	166	1281987	33.103	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.592	204	678938	33.311	ng/ul	99
63) 4-Nitroaniline	15.616	138	276059m	38.426	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.680	198	218059	33.200	ng/ul#	92
67) N-Nitrosodiphenylamine	15.804	169	1123203	36.360	ng/ul	94
68) 4-Bromophenyl-phenylether	16.492	248	414634	36.106	ng/ul	92
69) Hexachlorobenzene	16.610	284	465621	34.931	ng/ul#	90
70) Atrazine	16.763	200	441917	35.187	ng/ul#	90
71) Pentachlorophenol	16.957	266	268457	31.624	ng/ul#	84
72) Phenanthrene	17.345	178	2027825	34.653	ng/ul	99
74) Anthracene	17.439	178	2031417	34.465	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	573658	36.498	ng/uL#	86
76) Pentachlorobenzene	14.874	250	549850	35.674	ng/uL	91
77) Carbazole	17.704	167	1720433	32.986	ng/ul#	96
78) Di-n-butylphthalate	18.257	149	2335581	36.398	ng/ul#	93
80) Fluoranthene	19.310	202	2226472	46.361	ng/ul	97
82) Pyrene	19.662	202	2190772	44.277	ng/ul	95
83) Butylbenzylphthalate	20.527	149	893092	43.667	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.298	252	517444	38.411	ng/ul#	97
85) Benzo(a)anthracene	21.368	228	1712719	36.047	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.292	149	1265383	41.744	ng/ul#	81
87) Chrysene	21.421	228	1658024	35.440	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	1841050	37.560	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1541094	36.357	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	1493221	37.189	ng/ul#	97
93) Benzo(a)pyrene	23.721	252	1463848	37.345	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.374	276	1604151	41.139	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.392	278	1361716	40.812	ng/ul#	95
96) Benzo(g,h,i)perylene	27.156	276	1371945	41.698	ng/ul#	91

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

