

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052722\
 Data File : BP010576.D
 Acq On : 27 May 2022 12:24
 Operator : CG/JU
 Sample : PB145094BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS094

Quant Time: May 28 00:15:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2022
 Supervised By :mohammad ahmed 05/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	108907	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.681	136	482014	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	342863	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.263	188	792325	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	828563	20.000	ng/ul	# 0.00
88) Perylene-d12	23.769	264	726040	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	15872m	6.212	ng/uL	0.00
4) Pyridine-d5	3.746	84	231711	31.939	ng/ul	-0.01
7) Phenol-d5	7.046	99	312274	34.163	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	214338	34.900	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	248122	35.474	ng/ul	-0.01
15) 4-Methylphenol-d8	8.587	113	267194	34.396	ng/ul	-0.01
21) Nitrobenzene-d5	9.040	128	132585m	35.541	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	143322	36.253	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	265315	35.492	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.816	131	293983	26.450	ng/ul	-0.01
46) Dimethylphthalate-d6	13.922	166	910737	36.053	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	1027068	35.248	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	151802	33.762	ng/ul	0.00
60) Fluorene-d10	15.504	176	796838	36.258	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	158754	34.260	ng/ul	0.00
73) Anthracene-d10	17.363	188	1279251	35.656	ng/ul	0.00
81) Pyrene-d10	19.598	212	1605337	36.483	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.616	264	1341327	36.792	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	33361	12.604	ng/uL#	5
5) Pyridine	3.770	79	231730	30.735	ng/ul#	28
6) Benzaldehyde	7.016	77	206399m	42.713	ng/ul	
8) Phenol	7.075	94	317644	32.211	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.299	93	250339	32.287	ng/ul#	73
12) 2-Chlorophenol	7.440	128	242226	33.173	ng/ul	95
13) 2-Methylphenol	8.322	108	243904	33.132	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.405	45	440339	34.847	ng/ul#	81
16) Acetophenone	8.705	105	405804	33.248	ng/ul#	75
17) N-Nitroso-di-n-propyla...	8.687	70	225086	34.458	ng/ul#	68
18) 4-Methylphenol	8.652	108	266553	32.761	ng/ul	91
19) Hexachloroethane	8.958	117	105630	33.262	ng/ul	82
22) Nitrobenzene	9.081	77	333646	34.034	ng/ul#	81
23) Isophorone	9.610	82	618212	34.118	ng/ul#	97
25) 2-Nitrophenol	9.793	139	145140	33.435	ng/ul#	86
26) 2,4-Dimethylphenol	9.852	107	309336	32.841	ng/ul#	82
27) Bis(2-Chloroethoxy)met...	10.087	93	356687	33.060	ng/ul#	98
29) 2,4-Dichlorophenol	10.328	162	255113	33.379	ng/ul#	83
30) Naphthalene	10.728	128	827921	32.885	ng/ul	97
32) 4-Chloroaniline	10.840	127	348973	31.637	ng/ul	98
33) Hexachlorobutadiene	11.016	225	175506	32.407	ng/ul	95
34) Caprolactam	11.616	113	93777	35.158	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.969	107	311677	34.860	ng/ul#	72
36) 2-Methylnaphthalene	12.340	142	587084	32.939	ng/ul	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	605873	33.667	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.710	216	334046	31.927	ng/ul#	91
40) Hexachlorocyclopentadiene	12.687	237	154145	27.098	ng/ul	95
41) 2,4,6-Trichlorophenol	12.946	196	220602	33.824	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.022	196	242860	33.350	ng/ul#	87
43) 1,1'-Biphenyl	13.346	154	827177	32.869	ng/ul#	93
44) 2-Chloronaphthalene	13.387	162	645201	33.194	ng/ul	93
45) 2-Nitroaniline	13.593	65	243529	38.068	ng/ul#	72
47) Dimethylphthalate	13.969	163	856685	34.189	ng/ul#	91
48) 2,6-Dinitrotoluene	14.087	165	182937	35.814	ng/ul	99
50) Acenaphthylene	14.234	152	1067120	33.854	ng/ul	95
51) 3-Nitroaniline	14.416	138	175923	36.696	ng/ul#	82
52) Acenaphthene	14.575	153	681141	33.125	ng/ul	94
53) 2,4-Dinitrophenol	14.628	184	85178	29.868	ng/ul#	76
55) 4-Nitrophenol	14.728	109	135863	33.983	ng/ul#	42
56) Dibenzofuran	14.910	168	1010678	33.538	ng/ul	97
57) 2,4-Dinitrotoluene	14.881	165	272776	37.096	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.140	232	214602	34.270	ng/ul#	85
59) Diethylphthalate	15.334	149	893767	34.956	ng/ul	93
61) Fluorene	15.563	166	845597	34.312	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.557	204	427820	33.373	ng/ul	96
63) 4-Nitroaniline	15.581	138	181068	38.251	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.645	198	153444	33.205	ng/ul#	87
67) N-Nitrosodiphenylamine	15.769	169	740643	33.332	ng/ul	94
68) 4-Bromophenyl-phenylether	16.451	248	265393	32.524	ng/ul	97
69) Hexachlorobenzene	16.575	284	300168	31.981	ng/ul#	90
70) Atrazine	16.728	200	280443	31.505	ng/ul	91
71) Pentachlorophenol	16.916	266	187725m	31.876	ng/ul	
72) Phenanthrene	17.310	178	1420636	33.597	ng/ul	98
74) Anthracene	17.398	178	1433551	33.794	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	357765	29.712	ng/uL#	85
76) Pentachlorobenzene	14.834	250	351685	32.190	ng/uL	91
77) Carbazole	17.669	167	1279232	34.314	ng/ul#	96
78) Di-n-butylphthalate	18.222	149	1621387	35.709	ng/ul#	93
80) Fluoranthene	19.275	202	1785123	34.910	ng/ul	97
82) Pyrene	19.628	202	1831131	34.315	ng/ul	95
83) Butylbenzylphthalate	20.498	149	779978	36.553	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.263	252	585608	35.165	ng/ul#	97
85) Benzo(a)anthracene	21.333	228	1785251	34.456	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.257	149	1147372	36.643	ng/ul#	81
87) Chrysene	21.386	228	1747664	34.292	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	1995028	36.629	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1718587	35.513	ng/ul	99
91) Benzo(k)fluoranthene	23.080	252	1567344	34.077	ng/ul#	97
93) Benzo(a)pyrene	23.663	252	1561149	34.722	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.286	276	1474190	34.852	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.304	278	1268613	34.565	ng/ul#	96
96) Benzo(g,h,i)perylene	27.063	276	1240300	35.117	ng/ul#	91

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

