

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040822\
 Data File : BP009742.D
 Acq On : 09 Apr 2022 05:28
 Operator : CG/JU
 Sample : PB143934BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS934

Quant Time: Apr 09 06:23:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 07 19:16:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :Yogesh Patel 04/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	99169	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	453605	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.604	164	322098	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.357	188	725080	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.439	240	772366	20.000	ng/u1	0.00
88) Perylene-d12	23.909	264	786900	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	17303m	7.787	ng/uL	0.00
4) Pyridine-d5	3.804	84	248371	40.540	ng/u1	0.00
7) Phenol-d5	7.128	99	374818	43.051	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	228398m	44.065	ng/u1	0.00
11) 2-Chlorophenol-d4	7.504	132	289961	44.152	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	325290	44.756	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	154172	47.132	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	173542	48.391	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	331622	44.190	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	437650	40.946	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	1139855	45.051	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	1271487	42.418	ng/u1	0.00
54) 4-Nitrophenol-d4	14.786	143	225967	49.246	ng/u1	0.00
60) Fluorene-d10	15.598	176	945975	44.445	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	217845	50.716	ng/u1	0.00
73) Anthracene-d10	17.457	188	1553625	44.752	ng/u1	0.00
81) Pyrene-d10	19.680	212	1948343	46.188	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.756	264	1978129	48.272	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	30830	13.610	ng/uL#	22
5) Pyridine	3.822	79	235378	36.823	ng/u1#	40
6) Benzaldehyde	7.104	77	232288	43.504	ng/u1	95
8) Phenol	7.151	94	353541	40.568	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.393	93	272079	40.080	ng/u1#	79
12) 2-Chlorophenol	7.534	128	266880	40.308	ng/u1	93
13) 2-Methylphenol	8.410	108	272636	40.119	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.510	45	403244	40.186	ng/u1#	84
16) Acetophenone	8.798	105	453739	39.624	ng/u1#	80
17) N-Nitroso-di-n-propyla...	8.787	70	243025	40.935	ng/u1#	72
18) 4-Methylphenol	8.739	108	303006	41.173	ng/u1	92
19) Hexachloroethane	9.063	117	110065	39.373	ng/u1	85
22) Nitrobenzene	9.175	77	347998	41.447	ng/u1#	84
23) Isophorone	9.710	82	699236	40.415	ng/u1	96
25) 2-Nitrophenol	9.886	139	165466	43.260	ng/u1#	87
26) 2,4-Dimethylphenol	9.951	107	354449	39.050	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.186	93	396084	38.993	ng/u1#	98
29) 2,4-Dichlorophenol	10.422	162	297784	40.930	ng/u1#	83
30) Naphthalene	10.834	128	913702	39.166	ng/u1	97
32) 4-Chloroaniline	10.933	127	397479	37.579	ng/u1	98
33) Hexachlorobutadiene	11.128	225	206269	39.365	ng/u1	94
34) Caprolactam	11.710	113	111581m	46.375	ng/u1	
35) 4-Chloro-3-methylphenol	12.057	107	370530	42.031	ng/u1#	72
36) 2-Methylnaphthalene	12.439	142	667677	39.175	ng/u1	91

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37) 1-Methylnaphthalene	12.657	142	679959	39.512	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.804	216	398583	40.446	ng/ul	95
40) Hexachlorocyclopentadiene	12.792	237	246007	35.973	ng/ul	95
41) 2,4,6-Trichlorophenol	13.039	196	268592	42.679	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.110	196	297173	43.695	ng/ul#	87
43) 1,1'-Biphenyl	13.445	154	932248	39.667	ng/ul	93
44) 2-Chloronaphthalene	13.480	162	727765	40.286	ng/ul	94
45) 2-Nitroaniline	13.675	65	259563	49.028	ng/ul#	79
47) Dimethylphthalate	14.063	163	1010167	41.483	ng/ul#	92
48) 2,6-Dinitrotoluene	14.175	165	212363	47.411	ng/ul	96
50) Acenaphthylene	14.327	152	1197465	40.481	ng/ul	95
51) 3-Nitroaniline	14.498	138	213811	45.916	ng/ul#	79
52) Acenaphthene	14.669	153	774168	39.971	ng/ul	96
53) 2,4-Dinitrophenol	14.704	184	126712	46.800	ng/ul#	82
55) 4-Nitrophenol	14.804	109	196899	46.616	ng/ul#	56
56) Dibenzofuran	15.004	168	1141416	40.042	ng/ul	96
57) 2,4-Dinitrotoluene	14.957	165	318259	48.388	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.227	232	270354	43.598	ng/ul#	86
59) Diethylphthalate	15.427	149	1058009	41.981	ng/ul	93
61) Fluorene	15.651	166	953888	40.627	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.651	204	502106	40.219	ng/ul	96
63) 4-Nitroaniline	15.663	138	245606m	52.659	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.721	198	193468	45.313	ng/ul#	87
67) N-Nitrosodiphenylamine	15.857	169	840972	40.517	ng/ul	95
68) 4-Bromophenyl-phenylether	16.545	248	316397	40.312	ng/ul	96
69) Hexachlorobenzene	16.663	284	369369	40.927	ng/ul#	90
70) Atrazine	16.816	200	356776	41.644	ng/ul#	90
71) Pentachlorophenol	17.004	266	256599	42.004	ng/ul#	84
72) Phenanthrene	17.398	178	1606351	41.504	ng/ul	98
74) Anthracene	17.492	178	1627084	41.465	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.410	216	427023	40.735	ng/uL#	88
76) Pentachlorobenzene	14.927	250	407191	39.850	ng/uL	90
77) Carbazole	17.757	167	1503382	42.395	ng/ul#	96
78) Di-n-butylphthalate	18.310	149	1884332	43.212	ng/ul#	94
80) Fluoranthene	19.357	202	2051054	42.243	ng/ul#	96
82) Pyrene	19.709	202	2094211	42.541	ng/ul#	93
83) Butylbenzylphthalate	20.580	149	900762	44.604	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.345	252	748961	45.505	ng/ul#	95
85) Benzo(a)anthracene	21.421	228	2142588	43.758	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.351	149	1320007	43.455	ng/ul#	82
87) Chrysene	21.474	228	2034160	43.059	ng/ul	98
89) Di-n-octyl phthalate	22.303	149	2255981	40.919	ng/ul	100
90) Benzo(b)fluoranthene	23.156	252	2243257	42.907	ng/ul	99
91) Benzo(k)fluoranthene	23.209	252	2079573	43.590	ng/ul#	98
93) Benzo(a)pyrene	23.809	252	2130733	43.967	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	2410664	47.569	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.527	278	2079516	47.323	ng/ul#	96
96) Benzo(g,h,i)perylene	27.297	276	1982411	47.443	ng/ul	93

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

