

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032923\
 Data File : BP014367.D
 Acq On : 29 Mar 2023 17:04
 Operator : CG/JU
 Sample : PB151624BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS624

Quant Time: Mar 30 01:03:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 30 00:56:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/30/2023
 Supervised By :Jagrut Upadhyay 03/30/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	146108	20.000	ng/u1	0.00
20) Naphthalene-d8	10.846	136	644503	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	428200	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.434	188	884682	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	701301	20.000	ng/u1	0.00
88) Perylene-d12	24.045	264	615146	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	25074	6.655	ng/uL	0.00
4) Pyridine-d5	3.822	84	294908	30.544	ng/u1	0.00
7) Phenol-d5	7.181	99	466237	34.601	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	290319	33.580	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	331743	34.063	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	368707	33.922	ng/u1	0.00
21) Nitrobenzene-d5	9.199	128	169523	32.582	ng/u1	0.00
24) 2-Nitrophenol-d4	9.922	143	200889	33.719	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	365819	33.715	ng/u1	0.00
31) 4-Chloroaniline-d4	10.987	131	419261	29.335	ng/u1	0.00
46) Dimethylphthalate-d6	14.081	166	1141106	32.867	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	1264822	32.832	ng/u1	0.00
54) 4-Nitrophenol-d4	14.881	143	186142	35.489	ng/u1	0.00
60) Fluorene-d10	15.669	176	959707	33.147	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	218882	33.624	ng/u1	0.00
73) Anthracene-d10	17.539	188	1405823	32.835	ng/u1	0.00
81) Pyrene-d10	19.763	212	1557986	33.074	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	1118955	34.237	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	49537	11.964	ng/uL	96
5) Pyridine	3.840	79	318173	31.490	ng/u1	99
6) Benzaldehyde	7.158	77	220380	32.904	ng/u1	99
8) Phenol	7.205	94	477315	34.147	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.440	93	373204	33.224	ng/u1	100
12) 2-Chlorophenol	7.581	128	340980	33.638	ng/u1	97
13) 2-Methylphenol	8.469	108	350875	33.659	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.552	45	496047	33.633	ng/u1	100
16) Acetophenone	8.858	105	592923	33.035	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.840	70	331002	34.137	ng/u1	98
18) 4-Methylphenol	8.799	108	383561	33.503	ng/u1	93
19) Hexachloroethane	9.105	117	152691	34.475	ng/u1	95
22) Nitrobenzene	9.240	77	480113	32.121	ng/u1	98
23) Isophorone	9.769	82	900694	32.690	ng/u1	99
25) 2-Nitrophenol	9.957	139	207102	32.934	ng/u1	97
26) 2,4-Dimethylphenol	10.010	107	434306	30.856	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.246	93	534675	32.367	ng/u1	99
29) 2,4-Dichlorophenol	10.493	162	352274	32.991	ng/u1	96
30) Naphthalene	10.893	128	1152827	32.112	ng/u1	100
32) 4-Chloroaniline	11.010	127	384335	26.550	ng/u1	99
33) Hexachlorobutadiene	11.169	225	265438	31.377	ng/u1	99
34) Caprolactam	11.804	113	114988m	36.452	ng/u1	
35) 4-Chloro-3-methylphenol	12.134	107	436061	33.201	ng/u1	100
36) 2-Methylnaphthalene	12.499	142	785932	32.304	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	814506	33.757	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.869	216	486075	31.838	ng/u1	99
40) Hexachlorocyclopentadiene	12.840	237	282934	28.618	ng/u1	97
41) 2,4,6-Trichlorophenol	13.110	196	294145	31.135	ng/u1	99
42) 2,4,5-Trichlorophenol	13.187	196	325321	32.346	ng/u1	99
43) 1,1'-Biphenyl	13.504	154	1097284	31.718	ng/u1	99
44) 2-Chloronaphthalene	13.551	162	861686	31.502	ng/u1	100
45) 2-Nitroaniline	13.763	65	296633	35.017	ng/u1	96
47) Dimethylphthalate	14.128	163	1134005	32.667	ng/u1	99
48) 2,6-Dinitrotoluene	14.257	165	232928	34.344	ng/u1	99
50) Acenaphthylene	14.398	152	1340253	32.666	ng/u1	100
51) 3-Nitroaniline	14.592	138	213287	35.103	ng/u1	98
52) Acenaphthene	14.740	153	941846	32.486	ng/u1	99
53) 2,4-Dinitrophenol	14.798	184	150357	34.234	ng/u1	96
55) 4-Nitrophenol	14.898	109	183108	35.373	ng/u1	96
56) Dibenzofuran	15.075	168	1312670	32.207	ng/u1	99
57) 2,4-Dinitrotoluene	15.045	165	341958	35.545	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.304	232	268252	29.676	ng/u1	99
59) Diethylphthalate	15.487	149	1149139	33.312	ng/u1	98
61) Fluorene	15.728	166	1080672	32.713	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.716	204	575528	32.427	ng/u1	97
63) 4-Nitroaniline	15.757	138	199936m	40.499	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.810	198	211509	33.527	ng/u1	97
67) N-Nitrosodiphenylamine	15.934	169	915816	33.272	ng/u1	100
68) 4-Bromophenyl-phenylether	16.616	248	354334	32.187	ng/u1	97
69) Hexachlorobenzene	16.734	284	406719	32.164	ng/u1	99
70) Atrazine	16.887	200	115471	11.524	ng/u1	98
71) Pentachlorophenol	17.087	266	196947	26.885	ng/u1	99
72) Phenanthrene	17.481	178	1615789	32.829	ng/u1	100
74) Anthracene	17.569	178	1628695	32.833	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.475	216	488483	31.368	ng/uL	97
76) Pentachlorobenzene	14.992	250	491646	31.640	ng/uL	99
77) Carbazole	17.845	167	1410178	33.970	ng/u1	99
78) Di-n-butylphthalate	18.375	149	1809323	34.663	ng/u1	99
80) Fluoranthene	19.439	202	1837504	32.991	ng/u1	100
82) Pyrene	19.792	202	1873767	32.224	ng/u1	100
83) Butylbenzylphthalate	20.651	149	706471	35.271	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.433	252	473522	30.530	ng/u1	98
85) Benzo(a)anthracene	21.510	228	1625992	32.719	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	944011	34.466	ng/u1	99
87) Chrysene	21.563	228	1561459	33.276	ng/u1	100
89) Di-n-octyl phthalate	22.369	149	1388502	34.782	ng/u1	100
90) Benzo(b)fluoranthene	23.269	252	1371787	33.019	ng/u1	99
91) Benzo(k)fluoranthene	23.321	252	1392061	34.499	ng/u1	99
93) Benzo(a)pyrene	23.933	252	1213525	33.935	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.698	276	1658676	33.714	ng/u1	99
95) Dibenzo(a,h)anthracene	26.710	278	1384087	33.601	ng/u1	99
96) Benzo(g,h,i)perylene	27.515	276	1354492	33.775	ng/u1	99

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

