

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020110.D
 Acq On : 23 Apr 2024 20:31
 Operator : MA/JU
 Sample : PB160399BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS399

Quant Time: Apr 24 01:39:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 24 00:55:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	129257	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	525662	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	289694	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	509153	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	491899	20.000	ng/u1	0.00
88) Perylene-d12	25.051	264	535713	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	23006	8.086	ng/uL	0.00
4) Pyridine-d5	3.622	84	281432	32.986	ng/u1	-0.01
7) Phenol-d5	6.816	99	417295	38.495	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	273506	38.813	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	300610	38.354	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	325289	39.067	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	153414	39.202	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	180857	40.003	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	325625	39.015	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	412983	39.753	ng/u1	0.00
46) Dimethylphthalate-d6	13.734	166	821410	40.578	ng/u1	0.01
49) Acenaphthylene-d8	14.004	160	899792	37.873	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	101395	33.474	ng/u1	0.00
60) Fluorene-d10	15.345	176	612515	35.061	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.492	200	100517	41.151	ng/u1	0.00
73) Anthracene-d10	17.269	188	847124	37.568	ng/u1	0.01
81) Pyrene-d10	19.663	212	1066667	38.107	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.815	264	1052971	40.431	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	36197	11.025	ng/uL	98
5) Pyridine	3.640	79	286587	32.817	ng/u1	93
6) Benzaldehyde	6.799	77	273824	44.424	ng/u1	97
8) Phenol	6.846	94	435286	38.447	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.075	93	336563	37.241	ng/u1	98
12) 2-Chlorophenol	7.205	128	306479	37.733	ng/u1	98
13) 2-Methylphenol	8.075	108	311333	37.880	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.152	45	463815	36.904	ng/u1	98
16) Acetophenone	8.457	105	525774	38.453	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.446	70	298257	38.445	ng/u1	99
18) 4-Methylphenol	8.410	108	338864	38.780	ng/u1	97
19) Hexachloroethane	8.687	117	142235	35.763	ng/u1	93
22) Nitrobenzene	8.834	77	438955	36.828	ng/u1	98
23) Isophorone	9.363	82	807163	37.502	ng/u1	100
25) 2-Nitrophenol	9.534	139	182229	38.911	ng/u1	99
26) 2,4-Dimethylphenol	9.593	107	303793	29.763	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.834	93	456892	37.127	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	311006	38.030	ng/u1	97
30) Naphthalene	10.457	128	961337	35.226	ng/u1	100
32) 4-Chloroaniline	10.587	127	350510	34.408	ng/u1	99
33) Hexachlorobutadiene	10.728	225	254355	36.702	ng/u1	100
34) Caprolactam	11.398	113	85907m	36.670	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	332981	35.899	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	646815	35.826	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.316	142	639681	35.596	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	412184	40.669	ng/ul	98
40) Hexachlorocyclopentadiene	12.422	237	88840	24.274	ng/ul	99
41) 2,4,6-Trichlorophenol	12.722	196	241222	39.696	ng/ul	98
42) 2,4,5-Trichlorophenol	12.798	196	243073	38.565	ng/ul	95
43) 1,1'-Biphenyl	13.128	154	823547	39.291	ng/ul	100
44) 2-Chloronaphthalene	13.169	162	637568	37.555	ng/ul	99
45) 2-Nitroaniline	13.398	65	217354	39.114	ng/ul	98
47) Dimethylphthalate	13.781	163	796100	38.654	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	153076	37.180	ng/ul	98
50) Acenaphthylene	14.034	152	917653	34.534	ng/ul	99
51) 3-Nitroaniline	14.245	138	147269	36.251	ng/ul	93
52) Acenaphthene	14.387	153	601186	34.367	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	60284	34.452	ng/ul	92
55) 4-Nitrophenol	14.586	109	107614	34.096	ng/ul	97
56) Dibenzofuran	14.739	168	849793	35.100	ng/ul	96
57) 2,4-Dinitrotoluene	14.734	165	204526	35.027	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.969	232	184907	32.880	ng/ul	99
59) Diethylphthalate	15.181	149	730530	36.061	ng/ul	100
61) Fluorene	15.404	166	656975	33.012	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.404	204	371773	34.377	ng/ul	96
63) 4-Nitroaniline	15.457	138	130444	33.689	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.510	198	101439	39.666	ng/ul	100
67) N-Nitrosodiphenylamine	15.628	169	547873	40.827	ng/ul	99
68) 4-Bromophenyl-phenylether	16.333	248	219785	39.603	ng/ul	97
69) Hexachlorobenzene	16.433	284	236503	37.636	ng/ul	98
70) Atrazine	16.633	200	179371	34.487	ng/ul	98
71) Pentachlorophenol	16.798	266	148164	37.748	ng/ul	97
72) Phenanthrene	17.204	178	962733	36.876	ng/ul	99
74) Anthracene	17.304	178	956246	36.059	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.081	216	391351	47.531	ng/uL	98
76) Pentachlorobenzene	14.639	250	319208	41.873	ng/uL	99
77) Carbazole	17.604	167	864629	37.028	ng/ul	99
78) Di-n-butylphthalate	18.192	149	1055390	37.376	ng/ul	99
80) Fluoranthene	19.316	202	1201276	36.862	ng/ul	99
82) Pyrene	19.692	202	1260634	37.124	ng/ul	98
83) Butylbenzylphthalate	20.669	149	505439	37.004	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.568	252	386193	41.789	ng/ul	98
85) Benzo(a)anthracene	21.639	228	1269717	37.227	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149	724775	36.090	ng/ul	99
87) Chrysene	21.710	228	1204858	38.187	ng/ul	99
89) Di-n-octyl phthalate	22.898	149	1251362	37.265	ng/ul	100
90) Benzo(b)fluoranthene	23.974	252	1212859	37.409	ng/ul	97
91) Benzo(k)fluoranthene	24.051	252	1259668	39.669	ng/ul	99
93) Benzo(a)pyrene	24.892	252	1037707	34.241	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.939	276	1426387m	39.384	ng/ul	
95) Dibenzo(a,h)anthracene	29.009	278	1156294	38.813	ng/ul	97
96) Benzo(g,h,i)perylene	30.121	276	1075420m	37.465	ng/ul	

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

