

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
 Data File : BP020067.D
 Acq On : 21 Apr 2024 08:27
 Operator : MA/JU
 Sample : PB160401BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS401

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 22 01:39:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	124430	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	476743	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	306339	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	645350	20.000	ng/u1	0.00
79) Chrysene-d12	21.680	240	549587	20.000	ng/u1	0.02
88) Perylene-d12	25.086	264	615705	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	22654	7.460	ng/uL	0.00
4) Pyridine-d5	3.628	84	263451	29.473	ng/u1	0.00
7) Phenol-d5	6.828	99	344382	31.756	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	236717	31.229	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	251730	33.997	ng/u1	0.00
15) 4-Methylphenol-d8	8.352	113	261366	30.854	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	124071	36.180	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	139811	37.717	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	255808	34.786	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	307116	31.284	ng/u1	0.00
46) Dimethylphthalate-d6	13.734	166	719365	34.360	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	828280	33.194	ng/u1	0.01
54) 4-Nitrophenol-d4	14.569	143	119788	37.587	ng/u1	0.01
60) Fluorene-d10	15.351	176	621425	33.345	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.498	200	83652	22.188	ng/u1	0.01
73) Anthracene-d10	17.269	188	980023	33.897	ng/u1	0.00
81) Pyrene-d10	19.681	212	1141110	38.635	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.857	264	1055817	35.104	ng/u1	0.05
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	33033	9.677	ng/uL	97
5) Pyridine	3.646	79	277791	30.015	ng/u1	99
6) Benzaldehyde	6.811	77	219522	33.862	ng/u1	97
8) Phenol	6.858	94	365339	31.969	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.087	93	288704	30.939	ng/u1	96
12) 2-Chlorophenol	7.211	128	266269	34.127	ng/u1	94
13) 2-Methylphenol	8.087	108	257895	30.793	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.163	45	404821	29.682	ng/u1	99
16) Acetophenone	8.469	105	430502	29.667	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.452	70	245559	28.969	ng/u1	95
18) 4-Methylphenol	8.411	108	274970	30.855	ng/u1	99
19) Hexachloroethane	8.693	117	124494	32.418	ng/u1	99
22) Nitrobenzene	8.846	77	366943	32.833	ng/u1	98
23) Isophorone	9.363	82	646276	31.157	ng/u1	98
25) 2-Nitrophenol	9.546	139	145887	36.948	ng/u1	92
26) 2,4-Dimethylphenol	9.605	107	265235	28.081	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.846	93	371078	31.905	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	252047	35.199	ng/u1	98
30) Naphthalene	10.469	128	798872	32.314	ng/u1	99
32) 4-Chloroaniline	10.593	127	304784	31.293	ng/u1	98
33) Hexachlorobutadiene	10.728	225	200445	34.042	ng/u1	98
34) Caprolactam	11.404	113	79112m	35.252	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	286156	33.333	ng/u1	97
36) 2-Methylnaphthalene	12.093	142	539353	31.601	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.316	142	544970	32.153	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.463	216	341734	34.230	ng/ul	98
40) Hexachlorocyclopentadiene	12.428	237	89814	15.616	ng/ul	99
41) 2,4,6-Trichlorophenol	12.722	196	212085	35.454	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	230942	37.140	ng/ul	100
43) 1,1'-Biphenyl	13.134	154	719378	32.755	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	567155	32.326	ng/ul	98
45) 2-Nitroaniline	13.404	65	211193	37.050	ng/ul	94
47) Dimethylphthalate	13.787	163	699578	32.542	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	148061	36.498	ng/ul	95
50) Acenaphthylene	14.040	152	888270	31.580	ng/ul	100
51) 3-Nitroaniline	14.251	138	148898	38.779	ng/ul	96
52) Acenaphthene	14.393	153	588924	31.763	ng/ul	98
53) 2,4-Dinitrophenol	14.487	184	53201	21.809	ng/ul	94
55) 4-Nitrophenol	14.587	109	129848	35.761	ng/ul	98
56) Dibenzofuran	14.734	168	843365	32.945	ng/ul	99
57) 2,4-Dinitrotoluene	14.734	165	214609	37.370	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.975	232	199317	37.015	ng/ul	98
59) Diethylphthalate	15.187	149	709267	32.855	ng/ul	98
61) Fluorene	15.410	166	687955	32.525	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.410	204	364961	31.758	ng/ul	98
63) 4-Nitroaniline	15.457	138	150834	44.244	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.516	198	88598	22.610	ng/ul	99
67) N-Nitrosodiphenylamine	15.634	169	585615	32.805	ng/ul	99
68) 4-Bromophenyl-phenylether	16.334	248	233086	32.932	ng/ul	96
69) Hexachlorobenzene	16.434	284	263007	34.328	ng/ul	97
70) Atrazine	16.634	200	233487	35.617	ng/ul	97
71) Pentachlorophenol	16.804	266	164309	35.382	ng/ul	98
72) Phenanthrene	17.210	178	1091649	32.578	ng/ul	100
74) Anthracene	17.316	178	1109431	32.462	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	331706	32.420	ng/uL	97
76) Pentachlorobenzene	14.646	250	311511	32.355	ng/uL	99
77) Carbazole	17.610	167	1012107	34.561	ng/ul	99
78) Di-n-butylphthalate	18.204	149	1283433	36.325	ng/ul	99
80) Fluoranthene	19.333	202	1317502	37.942	ng/ul	100
82) Pyrene	19.710	202	1370418	37.933	ng/ul	98
83) Butylbenzylphthalate	20.680	149	542469	39.382	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.592	252	374203	30.792	ng/ul	98
85) Benzo(a)anthracene	21.657	228	1314549	34.579	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.610	149	780196	36.741	ng/ul	99
87) Chrysene	21.727	228	1223691	34.180	ng/ul	99
89) Di-n-octyl phthalate	22.927	149	1370486	36.015	ng/ul	100
90) Benzo(b)fluoranthene	24.004	252	1249987	33.686	ng/ul	99
91) Benzo(k)fluoranthene	24.080	252	1280510	33.660	ng/ul	99
93) Benzo(a)pyrene	24.921	252	1076026	30.092	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.968	276	1500750m	36.194	ng/ul	
95) Dibenzo(a,h)anthracene	29.051	278	1205428m	35.680	ng/ul	
96) Benzo(g,h,i)perylene	30.180	276	1138169m	34.319	ng/ul	

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

