

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
 Data File : BP020051.D
 Acq On : 20 Apr 2024 20:14
 Operator : MA/JU
 Sample : PB160383BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS383

Manual Integrations
 APPROVED

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

Quant Time: Apr 22 00:20:55 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	83459	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	345958	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	242055	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	530447	20.000	ng/u1	0.00
79) Chrysene-d12	21.668	240	519948	20.000	ng/u1	0.01
88) Perylene-d12	25.056	264	567840	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	16842	8.269	ng/uL	0.00
4) Pyridine-d5	3.628	84	157800	26.320	ng/u1	0.00
7) Phenol-d5	6.816	99	241451	33.194	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	162177	31.899	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	170713	34.374	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	187116	32.932	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	87702	35.242	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	98520	36.625	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	187676	35.169	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	196514	27.585	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	597214	36.102	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	670490	34.006	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	94956	37.708	ng/u1	0.00
60) Fluorene-d10	15.333	176	511091	34.708	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	109907	35.466	ng/u1	0.00
73) Anthracene-d10	17.257	188	794778	33.444	ng/u1	0.00
81) Pyrene-d10	19.669	212	969264	34.688	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.833	264	975384	35.163	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.263	88	24230	10.583	ng/uL	94
5) Pyridine	3.646	79	184457	29.715	ng/u1	99
6) Benzaldehyde	6.804	77	146258	33.636	ng/u1	99
8) Phenol	6.846	94	250470	32.677	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.081	93	194880	31.137	ng/u1	97
12) 2-Chlorophenol	7.204	128	175606	33.556	ng/u1	97
13) 2-Methylphenol	8.075	108	182694	32.523	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.163	45	279668	30.572	ng/u1	100
16) Acetophenone	8.463	105	307395	31.583	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.446	70	182473	32.095	ng/u1	99
18) 4-Methylphenol	8.404	108	194748	32.581	ng/u1	100
19) Hexachloroethane	8.687	117	83346	32.358	ng/u1	95
22) Nitrobenzene	8.840	77	263216	32.456	ng/u1	99
23) Isophorone	9.357	82	491918	32.681	ng/u1	99
25) 2-Nitrophenol	9.540	139	101402	35.390	ng/u1	97
26) 2,4-Dimethylphenol	9.593	107	207957	30.340	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.840	93	270490	32.049	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	181987	35.023	ng/u1	98
30) Naphthalene	10.463	128	574793	32.039	ng/u1	100
32) 4-Chloroaniline	10.587	127	214406	30.335	ng/u1	97
33) Hexachlorobutadiene	10.728	225	137621	32.208	ng/u1	100
34) Caprolactam	11.404	113	61583m	37.815	ng/u1	
35) 4-Chloro-3-methylphenol	11.722	107	223473	35.872	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	407317	32.886	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	416938	33.898	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.457	216	258256	32.738	ng/ul#	96
40) Hexachlorocyclopentadiene	12.422	237	113822	25.046	ng/ul	99
41) 2,4,6-Trichlorophenol	12.710	196	160493	33.955	ng/ul	98
42) 2,4,5-Trichlorophenol	12.792	196	173760	35.365	ng/ul	99
43) 1,1'-Biphenyl	13.122	154	556304	32.057	ng/ul	99
44) 2-Chloronaphthalene	13.157	162	439712	31.718	ng/ul	99
45) 2-Nitroaniline	13.386	65	168148	37.333	ng/ul	99
47) Dimethylphthalate	13.775	163	577049	33.971	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	116539	36.357	ng/ul	98
50) Acenaphthylene	14.028	152	705323	31.735	ng/ul	99
51) 3-Nitroaniline	14.239	138	108730	35.838	ng/ul	91
52) Acenaphthene	14.375	153	466030	31.810	ng/ul	97
53) 2,4-Dinitrophenol	14.469	184	71233	36.956	ng/ul	97
55) 4-Nitrophenol	14.569	109	109244	38.077	ng/ul	93
56) Dibenzofuran	14.722	168	678011	33.520	ng/ul	98
57) 2,4-Dinitrotoluene	14.722	165	171802	37.861	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.957	232	154811	36.385	ng/ul	97
59) Diethylphthalate	15.175	149	574456	33.677	ng/ul	98
61) Fluorene	15.392	166	557633	33.366	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.392	204	296502	32.653	ng/ul	98
63) 4-Nitroaniline	15.445	138	107898	40.055	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.498	198	113356	35.194	ng/ul	97
67) N-Nitrosodiphenylamine	15.622	169	475905	32.434	ng/ul	97
68) 4-Bromophenyl-phenylether	16.322	248	183960	31.621	ng/ul	96
69) Hexachlorobenzene	16.422	284	204052	32.402	ng/ul	99
70) Atrazine	16.622	200	139757	25.937	ng/ul	97
71) Pentachlorophenol	16.792	266	128626	33.698	ng/ul	100
72) Phenanthrene	17.198	178	888730	32.267	ng/ul	100
74) Anthracene	17.298	178	891036	31.720	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	257475	30.616	ng/uL	96
76) Pentachlorobenzene	14.628	250	240764	30.424	ng/uL	99
77) Carbazole	17.592	167	813546	33.798	ng/ul	99
78) Di-n-butylphthalate	18.198	149	993090	34.196	ng/ul	99
80) Fluoranthene	19.321	202	1079466	32.859	ng/ul	100
82) Pyrene	19.698	202	1157974	33.880	ng/ul	100
83) Butylbenzylphthalate	20.674	149	457587	35.113	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.586	252	367229	31.941	ng/ul	100
85) Benzo(a)anthracene	21.651	228	1164044	32.365	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.598	149	680487	33.872	ng/ul	100
87) Chrysene	21.721	228	1119577	33.055	ng/ul	100
89) Di-n-octyl phthalate	22.915	149	1169189	33.315	ng/ul	100
90) Benzo(b)fluoranthene	23.980	252	1171738	34.239	ng/ul	99
91) Benzo(k)fluoranthene	24.057	252	1143506	32.593	ng/ul	100
93) Benzo(a)pyrene	24.904	252	975759	29.588	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.915	276	1317668m	34.458	ng/ul	
95) Dibenzo(a,h)anthracene	29.015	278	1064616m	34.169	ng/ul	
96) Benzo(g,h,i)perylene	30.121	276	1004747m	32.849	ng/ul	

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

