

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
 Data File : BP019196.D
 Acq On : 30 Dec 2023 08:53
 Operator : MA/JU
 Sample : PB158075BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS075

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/01/2024
 Supervised By :mohammad ahmed 01/01/2024

Quant Time: Jan 01 00:34:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	205326	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	753799	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	444786	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	1015402	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1140810	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	1373704	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	34425	5.726	ng/uL	0.00
4) Pyridine-d5	3.652	84	437726	29.008	ng/u1	0.00
7) Phenol-d5	6.975	99	488640	26.538	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	294340	27.632	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	395599	26.650	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	368094	25.677	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	178498	27.393	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	192032	27.268	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	392298	27.587	ng/u1	0.00
31) 4-Chloroaniline-d4	10.740	131	472921	27.037	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1042953	26.547	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	1205538	28.280	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	191082	28.803	ng/u1	0.00
60) Fluorene-d10	15.439	176	921360	27.146	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	182978	27.488	ng/u1	0.00
73) Anthracene-d10	17.298	188	1455676	27.451	ng/u1	0.00
81) Pyrene-d10	19.545	212	1888272	27.159	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	2203145	27.902	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	67723	10.245	ng/uL	99
5) Pyridine	3.669	79	439064	28.665	ng/u1	97
6) Benzaldehyde	6.946	77	261160	30.547	ng/u1	97
8) Phenol	7.005	94	500804	27.536	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.228	93	407645	27.702	ng/u1	99
12) 2-Chlorophenol	7.363	128	408256	26.871	ng/u1	100
13) 2-Methylphenol	8.252	108	362519	26.945	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	474228	27.319	ng/u1	100
16) Acetophenone	8.628	105	580698	27.047	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.616	70	268727	25.100	ng/u1	98
18) 4-Methylphenol	8.581	108	386296	26.675	ng/u1	98
19) Hexachloroethane	8.869	117	177690	27.883	ng/u1	96
22) Nitrobenzene	9.004	77	433865	27.254	ng/u1	98
23) Isophorone	9.534	82	758753	26.431	ng/u1	98
25) 2-Nitrophenol	9.716	139	211762	28.163	ng/u1	98
26) 2,4-Dimethylphenol	9.781	107	344000	25.987	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	502905	26.505	ng/u1	99
29) 2,4-Dichlorophenol	10.246	162	378778	27.257	ng/u1	99
30) Naphthalene	10.646	128	1215636	26.748	ng/u1	100
32) 4-Chloroaniline	10.763	127	430868	25.671	ng/u1	99
33) Hexachlorobutadiene	10.922	225	294542	27.541	ng/u1	98
34) Caprolactam	11.551	113	103349	28.156	ng/u1	93
35) 4-Chloro-3-methylphenol	11.898	107	365403	26.786	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	813141	26.537	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	797859	25.821	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	512470	27.975	ng/ul	100
40) Hexachlorocyclopentadiene	12.604	237	274221	26.969	ng/ul	99
41) 2,4,6-Trichlorophenol	12.875	196	300965	27.530	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	322206	27.765	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	1051801	27.108	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	853252	27.406	ng/ul	99
45) 2-Nitroaniline	13.528	65	213900	28.619	ng/ul	93
47) Dimethylphthalate	13.910	163	1046207	26.977	ng/ul	100
48) 2,6-Dinitrotoluene	14.028	165	204885	28.751	ng/ul	99
50) Acenaphthylene	14.163	152	1345317	28.050	ng/ul	100
51) 3-Nitroaniline	14.357	138	202327	29.042	ng/ul	99
52) Acenaphthene	14.504	153	891333	27.420	ng/ul	100
53) 2,4-Dinitrophenol	14.569	184	113800	24.788	ng/ul	95
55) 4-Nitrophenol	14.675	109	151402	28.556	ng/ul	95
56) Dibenzofuran	14.839	168	1247156	26.866	ng/ul	97
57) 2,4-Dinitrotoluene	14.816	165	309086	29.492	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.069	232	284385	28.048	ng/ul	98
59) Diethylphthalate	15.275	149	1010144	26.865	ng/ul	100
61) Fluorene	15.492	166	1009415	27.168	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	544973	26.858	ng/ul	98
63) 4-Nitroaniline	15.528	138	216106m	30.831	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.581	198	197878	28.076	ng/ul	100
67) N-Nitrosodiphenylamine	15.710	169	860879	27.779	ng/ul	100
68) 4-Bromophenyl-phenylether	16.386	248	351927	27.885	ng/ul	99
69) Hexachlorobenzene	16.498	284	422534	27.396	ng/ul	99
70) Atrazine	16.669	200	320961	36.699	ng/ul	99
71) Pentachlorophenol	16.845	266	256730	28.351	ng/ul	99
72) Phenanthrene	17.239	178	1688973	27.447	ng/ul	99
74) Anthracene	17.333	178	1710875	27.928	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	495528	28.067	ng/uL	100
76) Pentachlorobenzene	14.757	250	476408	27.155	ng/uL	98
77) Carbazole	17.610	167	1565422	30.720	ng/ul	100
78) Di-n-butylphthalate	18.169	149	1785633	28.255	ng/ul	100
80) Fluoranthene	19.216	202	2189388	27.442	ng/ul	100
82) Pyrene	19.569	202	2304415	27.569	ng/ul	100
83) Butylbenzylphthalate	20.457	149	840946	28.165	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	796196	27.900	ng/ul	100
85) Benzo(a)anthracene	21.286	228	2536506	28.141	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	1231269	28.005	ng/ul	99
87) Chrysene	21.339	228	2348233	27.939	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2193909	27.928	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	2652599	27.491	ng/ul	100
91) Benzo(k)fluoranthene	22.998	252	2674263	28.205	ng/ul	99
93) Benzo(a)pyrene	23.562	252	2550997	28.089	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.121	276	3296450	28.315	ng/ul	99
95) Dibenzo(a,h)anthracene	26.139	278	2729677	28.185	ng/ul	99
96) Benzo(g,h,i)perylene	26.880	276	2671187	28.631	ng/ul	98

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

