

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020959.D
 Acq On : 15 Jul 2024 15:06
 Operator : MA/JU
 Sample : P3177-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4DN2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 02:30:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	164383	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.428	136	669489	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.304	164	439923	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.110	188	935169	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	897872	20.000	ng/u1	0.02
88) Perylene-d12	24.869	264	1072837	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	11586	3.207	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.869	99	286933	21.410	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.011	67	169555	20.877	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.216	132	236417	21.411	ng/u1	-0.02
15) 4-Methylphenol-d8	8.387	113	232463	20.885	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	111854	21.510	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.534	143	130007	21.844	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	304030	28.250	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.581	131	279595	19.611	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	803141	25.114	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	897242	24.986	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	114280	25.116	ng/u1	-0.01
60) Fluorene-d10	15.316	176	698093	26.608	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	117279	20.727	ng/u1	0.00
73) Anthracene-d10	17.222	188	1101708	26.524	ng/u1	0.00
81) Pyrene-d10	19.598	212	1290074	23.240	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.633	264	1370104	25.894	ng/u1	0.03
Target Compounds						
					Qvalue	
8) Phenol	6.893	94	255392	18.833	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.099	93	1127577	100.652	ng/u1	98
12) 2-Chlorophenol	7.246	128	860785	77.781	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.463	70	916954	101.869	ng/u1	98
23) Isophorone	9.387	82	2695600	108.853	ng/u1	100
25) 2-Nitrophenol	9.563	139	353005	56.870	ng/u1	96
29) 2,4-Dichlorophenol	10.093	162	1506406	142.029	ng/u1	98
30) Naphthalene	10.481	128	3744787	106.339	ng/u1	99
35) 4-Chloro-3-methylphenol	11.746	107	252163	21.872	ng/u1	99
36) 2-Methylnaphthalene	12.104	142	2761589	114.241	ng/u1	98
41) 2,4,6-Trichlorophenol	12.716	196	231524	25.646	ng/u1	98
42) 2,4,5-Trichlorophenol	12.804	196	453344	47.463	ng/u1	100
48) 2,6-Dinitrotoluene	13.893	165	1387147	213.819	ng/u1	97
50) Acenaphthylene	14.028	152	3107346	76.428	ng/u1	100
52) Acenaphthene	14.375	153	2964821	109.869	ng/u1	99
55) 4-Nitrophenol	14.569	109	128251m	34.651	ng/u1	
56) Dibenzofuran	14.716	168	2245657	60.770	ng/u1	96
57) 2,4-Dinitrotoluene	14.704	165	465645	52.287	ng/u1	90
59) Diethylphthalate	15.145	149	4137679	127.592	ng/u1	98
61) Fluorene	15.375	166	2342377	77.678	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.357	204	1256825	76.809	ng/u1	97
68) 4-Bromophenyl-phenylether	16.281	248	624516	56.975	ng/u1	97
71) Pentachlorophenol	16.763	266	692317	101.423	ng/u1	98
72) Phenanthrene	17.151	178	1950133	40.198	ng/u1	99

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

74) Anthracene	17.257	178	4550437	92.008	ng/ul	99
78) Di-n-butylphthalate	18.122	149	5237797	93.903	ng/ul	100
80) Fluoranthene	19.257	202	4066550	60.662	ng/ul	99
83) Butylbenzylphthalate	20.581	149	435120	15.309	ng/ul	95
85) Benzo(a)anthracene	21.551	228	3107321	49.404	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.475	149	7204972	176.153	ng/ul#	97
89) Di-n-octyl phthalate	22.733	149	7217604	101.840	ng/ul	100
90) Benzo(b)fluoranthene	23.822	252	2483415	38.145	ng/ul	99
91) Benzo(k)fluoranthene	23.886	252	1988380	30.603	ng/ul	99
93) Benzo(a)pyrene	24.710	252	1729865	28.117	ng/ul	100
95) Dibenzo(a,h)anthracene	28.674	278	1402676m	21.366	ng/ul	
96) Benzo(g,h,i)perylene	29.809	276	3481668m	53.925	ng/ul	

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

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