

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020805.D
 Acq On : 06 Jul 2024 03:24
 Operator : MA/JU
 Sample : P2964-09MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 07/08/2024

Supervised By :mohammad
 ahmed
 07/08/2024

Quant Time: Jul 06 03:52:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	186143	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.499	136	748038	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	487733	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1004512	20.000	ng/u1	0.01
79) Chrysene-d12	21.633	240	914458	20.000	ng/u1	0.01
88) Perylene-d12	24.986	264	1104993	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	14611	3.371	ng/uL	0.00
4) Pyridine-d5	3.681	84	63325	5.012	ng/u1	0.00
7) Phenol-d5	6.916	99	315093	20.639	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	187011	19.322	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.275	132	265484	21.277	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	250005	20.162	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	129649	23.475	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.587	143	148178	26.811	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	275518	24.201	ng/u1	0.00
31) 4-Chloroaniline-d4	10.634	131	170683	10.698	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	785993	23.178	ng/u1	0.01
49) Acenaphthylene-d8	14.046	160	911874	22.535	ng/u1	0.00
54) 4-Nitrophenol-d4	14.593	143	113308	21.868	ng/u1	0.01
60) Fluorene-d10	15.369	176	676537	23.708	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	99270	19.610	ng/u1	0.00
73) Anthracene-d10	17.269	188	1026578	22.771	ng/u1	0.00
81) Pyrene-d10	19.657	212	1062004	19.331	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	863271	16.061	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	44721	9.219	ng/uL	95
5) Pyridine	3.699	79	115528	8.828	ng/u1	99
6) Benzaldehyde	6.887	77	164366	21.289	ng/u1	98
8) Phenol	6.946	94	465094	29.873	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.164	93	345784	26.827	ng/u1	98
12) 2-Chlorophenol	7.305	128	370781	29.560	ng/u1	97
13) 2-Methylphenol	8.169	108	343076	28.721	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.234	45	495023	25.271	ng/u1	99
16) Acetophenone	8.546	105	583285	29.456	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.528	70	276884	26.306	ng/u1	98
18) 4-Methylphenol	8.493	108	379861	30.043	ng/u1	99
19) Hexachloroethane	8.787	117	118630	21.786	ng/u1	90
22) Nitrobenzene	8.922	77	411772	28.761	ng/u1	97
23) Isophorone	9.446	82	796124	28.065	ng/u1	96
25) 2-Nitrophenol	9.616	139	219628	36.798	ng/u1	94
26) 2,4-Dimethylphenol	9.687	107	305446	21.973	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.916	93	474098	28.094	ng/u1	99
29) 2,4-Dichlorophenol	10.157	162	376165	33.383	ng/u1	98
30) Naphthalene	10.546	128	1226137	30.624	ng/u1	100
32) 4-Chloroaniline	10.663	127	274109	17.845	ng/u1	100
33) Hexachlorobutadiene	10.816	225	263110	31.232	ng/u1	97
34) Caprolactam	11.457	113	101815	29.692	ng/u1	85
35) 4-Chloro-3-methylphenol	11.787	107	402089	32.319	ng/u1	96
36) 2-Methylnaphthalene	12.151	142	846858	31.575	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	849377	30.979	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.522	216	481486	30.877	ng/ul	98
40) Hexachlorocyclopentadiene	12.493	237	122842	12.657	ng/ul	99
41) 2,4,6-Trichlorophenol	12.781	196	312646	33.609	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	343902	35.645	ng/ul	97
43) 1,1'-Biphenyl	13.175	154	1097174	30.079	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	845966	29.446	ng/ul	100
45) 2-Nitroaniline	13.440	65	259796	35.902	ng/ul	93
47) Dimethylphthalate	13.816	163	1067092	30.891	ng/ul	99
48) 2,6-Dinitrotoluene	13.934	165	226873	36.832	ng/ul	92
50) Acenaphthylene	14.081	152	1497124	32.754	ng/ul	100
51) 3-Nitroaniline	14.275	138	203641	35.571	ng/ul	95
52) Acenaphthene	14.422	153	912411	30.092	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	92029	28.803	ng/ul	98
55) 4-Nitrophenol	14.610	109	158620	34.209	ng/ul	96
56) Dibenzofuran	14.763	168	1343617	32.885	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	330180	38.833	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.998	232	285626	35.844	ng/ul	91
59) Diethylphthalate	15.204	149	1094246	32.114	ng/ul	98
61) Fluorene	15.422	166	1100243	33.516	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	535858	31.281	ng/ul	97
63) 4-Nitroaniline	15.463	138	228726m	42.097	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.522	198	152479	28.119	ng/ul#	89
67) N-Nitrosodiphenylamine	15.651	169	901799	30.442	ng/ul	99
68) 4-Bromophenyl-phenylether	16.345	248	353677	31.566	ng/ul	94
69) Hexachlorobenzene	16.445	284	320958	25.589	ng/ul	94
70) Atrazine	16.628	200	262267	25.113	ng/ul	99
71) Pentachlorophenol	16.810	266	233659	32.358	ng/ul	95
72) Phenanthrene	17.216	178	2883564	54.819	ng/ul	100
74) Anthracene	17.304	178	1895158	35.026	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	495230	30.371	ng/ul	98
76) Pentachlorobenzene	14.681	250	404568	26.033	ng/ul	99
77) Carbazole	17.598	167	1410178	31.580	ng/ul	99
78) Di-n-butylphthalate	18.181	149	1933557	33.338	ng/ul	100
80) Fluoranthene	19.310	202	3958859	58.994	ng/ul	99
82) Pyrene	19.686	202	3296171	47.894	ng/ul	98
83) Butylbenzylphthalate	20.633	149	846448	33.122	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.539	252	236712	11.708	ng/ul	100
85) Benzo(a)anthracene	21.610	228	2961129	46.198	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.539	149	1248420	31.464	ng/ul#	98
87) Chrysene	21.680	228	2863043	47.257	ng/ul	100
89) Di-n-octyl phthalate	22.827	149	2172912	30.632	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	3326260	49.689	ng/ul	98
91) Benzo(k)fluoranthene	23.992	252	2497070	36.876	ng/ul	99
93) Benzo(a)pyrene	24.821	252	1621891	25.666	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.798	276	2549210	31.451	ng/ul	98
95) Dibenzo(a,h)anthracene	28.880	278	2298259m	34.500	ng/ul	
96) Benzo(g,h,i)perylene	29.974	276	301177m	4.551	ng/ul	

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

