

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022807.D
 Acq On : 01 Nov 2024 16:47
 Operator : RC/JU
 Sample : P4630-12MSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCP06MSD

Quant Time: Nov 04 04:31:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	70791	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.381	136	278228	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.251	164	221077	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	552790m	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	620808	20.000	ng/u1	0.01
88) Perylene-d12	24.774	264	730957	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	7656	4.203	ng/uL	0.00
4) Pyridine-d5	3.593	84	43635	8.725	ng/u1	0.00
7) Phenol-d5	6.828	99	48733	8.178	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	84465	24.117	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.169	132	101111	23.913	ng/u1	-0.01
15) 4-Methylphenol-d8	8.334	113	88835	18.680	ng/u1	-0.01
21) Nitrobenzene-d5	8.769	128	56747	26.526	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.481	143	68019	27.463	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.022	165	139568	26.513	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.528	131	130013	20.902	ng/u1	-0.01
46) Dimethylphthalate-d6	13.669	166	469479	26.728	ng/u1	0.00
49) Acenaphthylene-d8	13.939	160	497167	26.649	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.510	143	15641	5.308	ng/u1	0.00
60) Fluorene-d10	15.257	176	424806	27.883	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.416	200	80624m	22.176	ng/u1	0.01
73) Anthracene-d10	17.169	188	757851	29.143	ng/u1	0.00
81) Pyrene-d10	19.545	212	972242	29.615	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.527	264	1180044m	30.229	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	6934	3.540	ng/uL#	95
5) Pyridine	3.611	79	42755	8.338	ng/u1	98
6) Benzaldehyde	6.799	77	6660m	2.068	ng/u1	
8) Phenol	6.852	94	53757	8.671	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.063	93	37090	7.994	ng/u1	97
12) 2-Chlorophenol	7.205	128	39957	9.138	ng/u1	96
13) 2-Methylphenol	8.075	108	39035	8.676	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.134	45	43112	7.995	ng/u1	97
16) Acetophenone	8.440	105	66869	8.517	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.422	70	33252	8.360	ng/u1	100
18) 4-Methylphenol	8.399	108	42813	8.577	ng/u1	90
19) Hexachloroethane	8.681	117	17736	8.710	ng/u1	99
22) Nitrobenzene	8.816	77	55338	8.666	ng/u1	99
23) Isophorone	9.328	82	89401	7.808	ng/u1	99
25) 2-Nitrophenol	9.516	139	23756	8.900	ng/u1#	88
26) 2,4-Dimethylphenol	9.581	107	52999	9.135	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.804	93	53272	8.195	ng/u1	99
29) 2,4-Dichlorophenol	10.051	162	48836	9.421	ng/u1	95
30) Naphthalene	10.434	128	128325	8.659	ng/u1	98
32) 4-Chloroaniline	10.551	127	34207	5.571	ng/u1	97
33) Hexachlorobutadiene	10.710	225	40757	9.328	ng/u1	98
34) Caprolactam	11.340	113	12505m	7.483	ng/u1	
35) 4-Chloro-3-methylphenol	11.693	107	49694	8.786	ng/u1	98
36) 2-Methylnaphthalene	12.045	142	96792	8.898	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	96832	8.721	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	73917	9.042	ng/ul	96
40) Hexachlorocyclopentadiene	12.393	237	14331	2.877	ng/ul	89
41) 2,4,6-Trichlorophenol	12.675	196	46264	8.997	ng/ul	99
42) 2,4,5-Trichlorophenol	12.757	196	48840	8.921	ng/ul	98
43) 1,1'-Biphenyl	13.069	154	142084	8.916	ng/ul	98
44) 2-Chloronaphthalene	13.110	162	116467	8.928	ng/ul	98
45) 2-Nitroaniline	13.339	65	30728	7.889	ng/ul	97
47) Dimethylphthalate	13.710	163	145562	8.317	ng/ul	99
48) 2,6-Dinitrotoluene	13.828	165	27929	8.436	ng/ul	95
50) Acenaphthylene	13.969	152	169104	8.734	ng/ul	98
51) 3-Nitroaniline	14.175	138	23197	7.460	ng/ul	94
52) Acenaphthene	14.322	153	120839	8.826	ng/ul	97
53) 2,4-Dinitrophenol	14.416	184	11902	4.886	ng/ul#	85
55) 4-Nitrophenol	14.534	109	27148m	8.301	ng/ul	
56) Dibenzofuran	14.669	168	184994	8.995	ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	44268	8.605	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	14.898	232	45437	8.891	ng/ul	93
59) Diethylphthalate	15.092	149	140462	8.365	ng/ul	99
61) Fluorene	15.316	166	150061	8.955	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.316	204	88204	9.204	ng/ul	99
63) 4-Nitroaniline	15.369	138	27394m	8.755	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	27344m	6.983	ng/ul	
67) N-Nitrosodiphenylamine	15.534	169	126933	8.575	ng/ul	98
68) 4-Bromophenyl-phenylether	16.228	248	61386	9.209	ng/ul	95
69) Hexachlorobenzene	16.351	284	77108	9.397	ng/ul	98
70) Atrazine	16.522	200	53437	8.684	ng/ul	95
71) Pentachlorophenol	16.716	266	43906m	8.322	ng/ul	
72) Phenanthrene	17.110	178	264315m	8.937	ng/ul	
74) Anthracene	17.204	178	269051	9.116	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.040	216	75673	8.991	ng/uL	95
76) Pentachlorobenzene	14.581	250	82336	8.849	ng/uL	98
77) Carbazole	17.492	167	223534	8.560	ng/ul	100
78) Di-n-butylphthalate	18.063	149	246186	8.520	ng/ul	99
80) Fluoranthene	19.192	202	338612	8.972	ng/ul	97
82) Pyrene	19.574	202	365391	9.033	ng/ul	98
83) Butylbenzylphthalate	20.527	149	120420	8.550	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.416	252	91104	6.156	ng/ul	100
85) Benzo(a)anthracene	21.492	228	384157	8.827	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	167474	8.284	ng/ul	96
87) Chrysene	21.557	228	363754	9.014	ng/ul	99
89) Di-n-octyl phthalate	22.651	149	281507	8.097	ng/ul	100
90) Benzo(b)fluoranthene	23.733	252	408405	8.876	ng/ul#	98
91) Benzo(k)fluoranthene	23.798	252	417033	9.258	ng/ul#	98
93) Benzo(a)pyrene	24.604	252	356310	8.414	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.456	276	484866	8.580	ng/ul	97
95) Dibenzo(a,h)anthracene	28.527	278	390486	8.533	ng/ul#	98
96) Benzo(g,h,i)perylene	29.603	276	369596m	8.409	ng/ul	

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

