

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020304.D
 Acq On : 11 May 2024 00:29
 Operator : MA/JU
 Sample : P2370-09MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43Q1MS

Quant Time: May 11 01:07:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/13/2024
 Supervised By :mohammad ahmed 05/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	66524	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	269862	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	183959	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.134	188	414617	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	425972	20.000	ng/u1	-0.01
88) Perylene-d12	24.998	264	487529	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	9958	6.322	ng/uL	0.00
4) Pyridine-d5	3.611	84	138453	30.251	ng/u1	0.00
7) Phenol-d5	6.805	99	195576	34.233	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	116409	33.543	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	154291	37.778	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	134982	29.224	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	79715	39.447	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.487	143	91878	39.703	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	169342	40.101	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	203655	34.457	ng/u1	-0.01
46) Dimethylphthalate-d6	13.704	166	503709	37.496	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	560965	37.801	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	69042	33.440	ng/u1	0.00
60) Fluorene-d10	15.322	176	431997	38.554	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	74235	28.215	ng/u1	0.00
73) Anthracene-d10	17.239	188	691745	38.566	ng/u1	0.00
81) Pyrene-d10	19.639	212	856908	34.414	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.768	264	903805	38.341	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	26080	14.591	ng/uL	97
5) Pyridine	3.628	79	176447	38.116	ng/u1	96
6) Benzaldehyde	6.787	77	139229	48.485	ng/u1	95
8) Phenol	6.828	94	239016	40.535	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.058	93	171378	37.142	ng/u1	98
12) 2-Chlorophenol	7.187	128	180977	42.442	ng/u1	94
13) 2-Methylphenol	8.058	108	177293	40.309	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.128	45	203966	35.436	ng/u1	97
16) Acetophenone	8.440	105	292599	38.169	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.422	70	151434	36.402	ng/u1	97
18) 4-Methylphenol	8.381	108	193462	40.468	ng/u1	93
19) Hexachloroethane	8.658	117	76348	39.153	ng/u1	92
22) Nitrobenzene	8.816	77	228634	39.412	ng/u1	96
23) Isophorone	9.334	82	428879	38.447	ng/u1	99
25) 2-Nitrophenol	9.516	139	108233	45.153	ng/u1	92
26) 2,4-Dimethylphenol	9.575	107	216675	41.433	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.816	93	236765	38.286	ng/u1	98
29) 2,4-Dichlorophenol	10.046	162	187362	45.613	ng/u1	98
30) Naphthalene	10.434	128	578154	41.565	ng/u1	99
32) 4-Chloroaniline	10.563	127	220808	38.205	ng/u1	99
33) Hexachlorobutadiene	10.693	225	137458	43.084	ng/u1	97
34) Caprolactam	11.381	113	61057	42.571	ng/u1	97
35) 4-Chloro-3-methylphenol	11.704	107	222882	43.580	ng/u1	100
36) 2-Methylnaphthalene	12.063	142	404883	41.835	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	413586	42.466	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.434	216	254483	44.357	ng/ul	97
40) Hexachlorocyclopentadiene	12.393	237	66984	21.468	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	165739	46.066	ng/ul	98
42) 2,4,5-Trichlorophenol	12.781	196	176347	45.550	ng/ul	94
43) 1,1'-Biphenyl	13.098	154	543770	41.792	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	434850	42.118	ng/ul	99
45) 2-Nitroaniline	13.375	65	149291	43.593	ng/ul	98
47) Dimethylphthalate	13.757	163	556817	41.035	ng/ul	98
48) 2,6-Dinitrotoluene	13.898	165	117644	43.612	ng/ul	97
50) Acenaphthylene	14.010	152	691341	41.419	ng/ul	99
51) 3-Nitroaniline	14.240	138	117122	46.552	ng/ul	99
52) Acenaphthene	14.357	153	457164	40.757	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	53200	32.130	ng/ul	92
55) 4-Nitrophenol	14.575	109	84114	39.130	ng/ul	94
56) Dibenzofuran	14.710	168	670355	43.453	ng/ul	97
57) 2,4-Dinitrotoluene	14.710	165	179340	46.242	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.945	232	162736	46.809	ng/ul	98
59) Diethylphthalate	15.157	149	561888	41.482	ng/ul	99
61) Fluorene	15.375	166	552832	43.129	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.375	204	297089	43.687	ng/ul	93
63) 4-Nitroaniline	15.440	138	119182	56.843	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.498	198	94581	34.475	ng/ul	93
67) N-Nitrosodiphenylamine	15.598	169	475579	41.196	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	187877	41.834	ng/ul	95
69) Hexachlorobenzene	16.398	284	221397	42.563	ng/ul	96
70) Atrazine	16.604	200	189273	46.237	ng/ul	99
71) Pentachlorophenol	16.775	266	134647	42.826	ng/ul	98
72) Phenanthrene	17.175	178	893329	42.229	ng/ul	99
74) Anthracene	17.269	178	892931	41.501	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	248588	40.341	ng/uL	95
76) Pentachlorobenzene	14.622	250	257253	41.718	ng/uL	98
77) Carbazole	17.569	167	812464	43.833	ng/ul	98
78) Di-n-butylphthalate	18.169	149	1009695	44.941	ng/ul	99
80) Fluoranthene	19.292	202	1121104	38.258	ng/ul	98
82) Pyrene	19.669	202	1177910	38.633	ng/ul	98
83) Butylbenzylphthalate	20.651	149	469907	40.600	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.539	252	313249	36.133	ng/ul	97
85) Benzo(a)anthracene	21.616	228	1194592	41.347	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	676482	40.515	ng/ul	99
87) Chrysene	21.674	228	1132226	42.282	ng/ul	100
89) Di-n-octyl phthalate	22.857	149	1178527	37.746	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	1239662	42.745	ng/ul	99
91) Benzo(k)fluoranthene	24.004	252	1213320	41.053	ng/ul	99
93) Benzo(a)pyrene	24.845	252	1045351	37.882	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.827	276	1483751m	43.862	ng/ul	
95) Dibenzo(a,h)anthracene	28.904	278	1197667	42.805	ng/ul	99
96) Benzo(g,h,i)perylene	29.980	276	1140146	41.790	ng/ul	99

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

