

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
 Data File : BP020227.D
 Acq On : 07 May 2024 09:50
 Operator : MA/JU
 Sample : P2368-05MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43K9MS

Quant Time: May 07 11:04:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 06 12:26:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024
 Supervised By :mohammad ahmed 05/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	104833	20.000	ng/u1	0.02
20) Naphthalene-d8	10.393	136	447265	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.298	164	321621	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.140	188	713627	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	664053	20.000	ng/u1	0.00
88) Perylene-d12	24.992	264	628523	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	12280	4.947	ng/uL	0.00
4) Pyridine-d5	3.617	84	176795	24.512	ng/u1	0.01
7) Phenol-d5	6.805	99	267732	29.738	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.975	67	160591	29.364	ng/u1	0.02
11) 2-Chlorophenol-d4	7.158	132	204550	31.782	ng/u1	0.02
15) 4-Methylphenol-d8	8.334	113	221089	30.375	ng/u1	0.02
21) Nitrobenzene-d5	8.781	128	108724	32.462	ng/u1	0.02
24) 2-Nitrophenol-d4	9.493	143	124767	32.530	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.022	165	236314	33.764	ng/u1	0.01
31) 4-Chloroaniline-d4	10.546	131	309753	31.621	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	735919	31.333	ng/u1	0.01
49) Acenaphthylene-d8	13.987	160	806548	31.087	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	116188	32.187	ng/u1	0.01
60) Fluorene-d10	15.328	176	611019	31.191	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	130060	28.720	ng/u1	0.00
73) Anthracene-d10	17.245	188	980487	31.760	ng/u1	0.00
81) Pyrene-d10	19.639	212	1188289	30.612	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.763	264	950572	31.279	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	33648	11.946	ng/uL	96
5) Pyridine	3.634	79	232365	31.852	ng/u1	96
6) Benzaldehyde	6.793	77	192628	42.567	ng/u1	99
8) Phenol	6.834	94	327161	35.208	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.069	93	242030	33.286	ng/u1	99
12) 2-Chlorophenol	7.187	128	243205	36.193	ng/u1	99
13) 2-Methylphenol	8.064	108	244958	35.341	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.134	45	300223m	33.099	ng/u1	
16) Acetophenone	8.452	105	418836	34.671	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.434	70	228102	34.795	ng/u1	98
18) 4-Methylphenol	8.399	108	271228	36.002	ng/u1	96
19) Hexachloroethane	8.669	117	105377	34.292	ng/u1	96
22) Nitrobenzene	8.822	77	328414	34.157	ng/u1	99
23) Isophorone	9.346	82	635762	34.388	ng/u1	98
25) 2-Nitrophenol	9.522	139	150345	37.844	ng/u1	97
26) 2,4-Dimethylphenol	9.581	107	322848	37.248	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.822	93	346947	33.850	ng/u1	99
29) 2,4-Dichlorophenol	10.052	162	262785	38.600	ng/u1	99
30) Naphthalene	10.440	128	790933	34.308	ng/u1	99
32) 4-Chloroaniline	10.575	127	304501	31.788	ng/u1	100
33) Hexachlorobutadiene	10.705	225	183417	34.687	ng/u1	96
34) Caprolactam	11.393	113	90367m	38.016	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	322405	38.036	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	579677	36.138	ng/u1	98

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37) 1-Methylnaphthalene	12.299	142	581409	36.020	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	354803	35.372	ng/ul	97
40) Hexachlorocyclopentadiene	12.399	237	142679	26.155	ng/ul	98
41) 2,4,6-Trichlorophenol	12.699	196	238771	37.959	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	254572	37.610	ng/ul	95
43) 1,1'-Biphenyl	13.104	154	791402	34.790	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	619139	34.300	ng/ul	99
45) 2-Nitroaniline	13.387	65	226069	37.757	ng/ul	98
47) Dimethylphthalate	13.763	163	825985	34.817	ng/ul	99
48) 2,6-Dinitrotoluene	13.899	165	173396	36.766	ng/ul	98
50) Acenaphthylene	14.016	152	992596	34.014	ng/ul	99
51) 3-Nitroaniline	14.234	138	164925	37.494	ng/ul	99
52) Acenaphthene	14.369	153	654924	33.396	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	104583	36.127	ng/ul	92
55) 4-Nitrophenol	14.569	109	150787	40.122	ng/ul	93
56) Dibenzofuran	14.716	168	962188	35.674	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	264260	38.973	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	232598	38.268	ng/ul	97
59) Diethylphthalate	15.169	149	854847	36.098	ng/ul	100
61) Fluorene	15.381	166	801467	35.763	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.381	204	427979	35.997	ng/ul	93
63) 4-Nitroaniline	15.434	138	161404	44.031	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.493	198	165167	34.978	ng/ul	96
67) N-Nitrosodiphenylamine	15.610	169	686125	34.531	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	274386	35.497	ng/ul	94
69) Hexachlorobenzene	16.410	284	314073	35.081	ng/ul	97
70) Atrazine	16.616	200	286020	40.595	ng/ul	99
71) Pentachlorophenol	16.775	266	199776	36.917	ng/ul	99
72) Phenanthrene	17.187	178	1252673	34.405	ng/ul	98
74) Anthracene	17.275	178	1287103	34.756	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	355150	33.485	ng/uL	98
76) Pentachlorobenzene	14.628	250	367476	34.623	ng/uL	98
77) Carbazole	17.575	167	1163904	36.483	ng/ul	99
78) Di-n-butylphthalate	18.169	149	1510982	39.074	ng/ul	100
80) Fluoranthene	19.286	202	1585705	34.712	ng/ul	99
82) Pyrene	19.669	202	1657954	34.881	ng/ul	97
83) Butylbenzylphthalate	20.645	149	695361	38.539	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.539	252	428748	31.724	ng/ul	98
85) Benzo(a)anthracene	21.610	228	1558489	34.602	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.563	149	1023194	39.309	ng/ul	99
87) Chrysene	21.680	228	1472195	35.266	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	1702590	42.298	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	1368833	36.611	ng/ul	99
91) Benzo(k)fluoranthene	24.004	252	1336645	35.080	ng/ul	99
93) Benzo(a)pyrene	24.833	252	1104866	31.057	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.821	276	1451145m	33.275	ng/ul	
95) Dibenzo(a,h)anthracene	28.898	278	1182210m	32.774	ng/ul	
96) Benzo(g,h,i)perylene	29.998	276	1091479m	31.032	ng/ul	

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

