

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020322\
 Data File : BG052276.D
 Acq On : 3 Feb 2022 19:41
 Operator : CG/JU
 Sample : PB142430BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS430

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2022

Supervised By :Yogesh Patel 02/08/2022

Quant Time: Feb 04 00:02:33 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jan 31 18:07:10 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.236	152	28049	20.000	ng/u1	0.00
20) Naphthalene-d8	11.073	136	113962	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.880	164	78681	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.623	188	197450	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.941	240	199431	20.000	ng/u1	# 0.00
88) Perylene-d12	25.413	264	206748	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.566	96	4836	6.956	ng/uL	0.00
4) Pyridine-d5	3.989	84	65958	30.501	ng/u1	0.00
7) Phenol-d5	7.378	99	78693	30.844	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.543	67	49386	31.862	ng/u1	0.00
11) 2-Chlorophenol-d4	7.766	132	57563	32.378	ng/u1	0.00
15) 4-Methylphenol-d8	8.941	113	63807	32.956	ng/u1	0.00
21) Nitrobenzene-d5	9.405	128	30027	32.359	ng/u1	0.00
24) 2-Nitrophenol-d4	10.139	143	33842	33.376	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.692	165	64418	32.589	ng/u1	0.00
31) 4-Chloroaniline-d4	11.197	131	76719	30.597	ng/u1	0.00
46) Dimethylphthalate-d6	14.269	166	213557	34.531	ng/u1	0.00
49) Acenaphthylene-d8	14.575	160	262636	34.070	ng/u1	0.00
54) 4-Nitrophenol-d4	15.062	143	35467m	37.865	ng/u1	0.00
60) Fluorene-d10	15.867	176	189432	34.962	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.978	200	40650	33.347	ng/u1	0.00
73) Anthracene-d10	17.723	188	315238	33.865	ng/u1	0.00
81) Pyrene-d10	20.002	212	414222	34.656	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.172	264	392213	35.709	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.601	88	8953	11.553	ng/uL#	91
5) Pyridine	4.012	79	64840	28.631	ng/u1	95
6) Benzaldehyde	7.355	77	45675	31.578	ng/u1	92
8) Phenol	7.408	94	77983	30.499	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.637	93	57872	29.952	ng/u1	95
12) 2-Chlorophenol	7.795	128	56241	30.644	ng/u1	99
13) 2-Methylphenol	8.677	108	57930	30.105	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.759	45	82343	29.837	ng/u1#	93
16) Acetophenone	9.058	105	90925	30.283	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.041	70	53775	29.858	ng/u1#	96
18) 4-Methylphenol	9.006	108	60751	29.967	ng/u1	97
19) Hexachloroethane	9.340	117	23538	29.781	ng/u1#	73
22) Nitrobenzene	9.446	77	78042	30.154	ng/u1#	97
23) Isophorone	9.975	82	147764	30.855	ng/u1	98
25) 2-Nitrophenol	10.169	139	33067	29.830	ng/u1	94
26) 2,4-Dimethylphenol	10.222	107	69344	30.339	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.457	93	77264	30.082	ng/u1	100
29) 2,4-Dichlorophenol	10.715	162	56464	29.550	ng/u1	92
30) Naphthalene	11.126	128	184881	29.670	ng/u1	97
32) 4-Chloroaniline	11.220	127	70334	27.207	ng/u1	99
33) Hexachlorobutadiene	11.408	225	45578	29.241	ng/u1	92
34) Caprolactam	11.966	113	20453m	33.002	ng/u1	
35) 4-Chloro-3-methylphenol	12.336	107	65685	31.870	ng/u1	98
36) 2-Methylnaphthalene	12.718	142	132836	30.379	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.936	142	135645	30.154	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.082	216	85929	30.341	ng/ul	97
40) Hexachlorocyclopentadiene	13.065	237	40859	25.272	ng/ul	97
41) 2,4,6-Trichlorophenol	13.317	196	53920	31.886	ng/ul	94
42) 2,4,5-Trichlorophenol	13.394	196	56624	31.089	ng/ul	97
43) 1,1'-Biphenyl	13.711	154	189231	30.678	ng/ul#	95
44) 2-Chloronaphthalene	13.758	162	144392	30.595	ng/ul	99
45) 2-Nitroaniline	13.952	65	51764	32.575	ng/ul	94
47) Dimethylphthalate	14.316	163	194820	32.500	ng/ul	100
48) 2,6-Dinitrotoluene	14.439	165	41711	32.254	ng/ul#	88
50) Acenaphthylene	14.604	152	241852	31.301	ng/ul	97
51) 3-Nitroaniline	14.768	138	39114	35.344	ng/ul	99
52) Acenaphthene	14.945	153	160150	31.618	ng/ul	98
53) 2,4-Dinitrophenol	14.980	184	20427	30.418	ng/ul	97
55) 4-Nitrophenol	15.074	109	34959	35.608	ng/ul#	79
56) Dibenzofuran	15.274	168	232239	31.667	ng/ul	99
57) 2,4-Dinitrotoluene	15.227	165	62481	33.703	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.503	232	53062	33.282	ng/ul#	89
59) Diethylphthalate	15.673	149	201864	33.210	ng/ul	97
61) Fluorene	15.926	166	192180	31.578	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.908	204	107543	32.131	ng/ul	93
63) 4-Nitroaniline	15.931	138	42210	39.307	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.996	198	36572	31.501	ng/ul#	95
67) N-Nitrosodiphenylamine	16.119	169	171872	31.751	ng/ul	97
68) 4-Bromophenyl-phenylether	16.801	248	76567	32.123	ng/ul#	86
69) Hexachlorobenzene	16.936	284	84382	31.500	ng/ul#	89
70) Atrazine	17.059	200	74050	31.007	ng/ul	95
71) Pentachlorophenol	17.277	266	41961	32.669	ng/ul	94
72) Phenanthrene	17.670	178	336822	32.381	ng/ul	99
74) Anthracene	17.758	178	326959	31.847	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.687	216	90939	27.587	ng/uL	97
76) Pentachlorobenzene	15.197	250	93508	30.749	ng/uL	99
77) Carbazole	18.023	167	307037	34.312	ng/ul	98
78) Di-n-butylphthalate	18.563	149	366029	34.104	ng/ul	99
80) Fluoranthene	19.668	202	454906	32.320	ng/ul#	93
82) Pyrene	20.032	202	439350	31.885	ng/ul#	89
83) Butylbenzylphthalate	20.901	149	160446	33.286	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.818	252	147948	34.645	ng/ul#	97
85) Benzo(a)anthracene	21.923	228	447189	33.339	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.800	149	230312	33.333	ng/ul#	98
87) Chrysene	21.994	228	423497	33.415	ng/ul	98
89) Di-n-octyl phthalate	23.092	149	393724	33.566	ng/ul	100
90) Benzo(b)fluoranthene	24.302	252	469734	32.765	ng/ul#	96
91) Benzo(k)fluoranthene	24.379	252	441868	33.687	ng/ul#	95
93) Benzo(a)pyrene	25.248	252	446698	33.408	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.413	276	516114	34.651	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.490	278	432649	35.033	ng/ul#	94
96) Benzo(g,h,i)perylene	30.676	276	436221	34.406	ng/ul#	89

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

