

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091823\
 Data File : BG059088.D
 Acq On : 18 Sep 2023 17:30
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG091823

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :Sohil Jodhani 09/19/2023

Quant Time: Sep 19 02:14:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 02:12:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.297	152	31549	20.000	ng	0.00
21) Naphthalene-d8	11.147	136	157660	20.000	ng	# 0.00
39) Acenaphthene-d10	14.930	164	102184	20.000	ng	0.00
64) Phenanthrene-d10	17.680	188	219770	20.000	ng	0.00
76) Chrysene-d12	22.004	240	198608	20.000	ng	0.00
86) Perylene-d12	25.553	264	232662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	155992	77.245	ng	0.00
7) Phenol-d6	7.416	99	241031	80.307	ng	0.00
23) Nitrobenzene-d5	9.496	82	236321	80.166	ng	0.00
42) 2,4,6-Tribromophenol	16.417	330	94541	80.425	ng	0.00
45) 2-Fluorobiphenyl	13.555	172	553437	80.870	ng	0.00
79) Terphenyl-d14	20.259	244	841649	79.726	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.644	88	34808	35.335	ng	94
3) Pyridine	4.061	79	102376	36.339	ng	89
4) n-Nitrosodimethylamine	3.984	42	53788	38.163	ng	97
6) Aniline	7.621	93	152654	39.476	ng	95
8) 2-Chlorophenol	7.845	128	91005	39.762	ng	98
9) Benzaldehyde	7.439	77	66039	40.596	ng	96
10) Phenol	7.439	94	119620	40.748	ng	96
11) bis(2-Chloroethyl)ether	7.715	93	94578	40.598	ng	96
12) 1,3-Dichlorobenzene	8.179	146	92855	39.839	ng	94
13) 1,4-Dichlorobenzene	8.338	146	95090	40.746	ng	93
14) 1,2-Dichlorobenzene	8.655	146	93933	41.390	ng	99
15) Benzyl Alcohol	8.538	79	86917	40.465	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.820	45	192071	40.932	ng	97
17) 2-Methylphenol	8.720	107	93442	41.016	ng	95
18) Hexachloroethane	9.384	117	33181	40.479	ng	96
19) n-Nitroso-di-n-propyla...	9.108	70	77723	40.425	ng	94
20) 3+4-Methylphenols	9.049	107	128022	41.523	ng	97
22) Acetophenone	9.143	105	155651	38.336	ng	98
24) Nitrobenzene	9.543	77	112902	39.841	ng	98
25) Isophorone	10.048	82	239153	40.012	ng	98
26) 2-Nitrophenol	10.248	139	54034	41.349	ng	96
27) 2,4-Dimethylphenol	10.271	122	97986	39.513	ng	99
28) bis(2-Chloroethoxy)met...	10.530	93	132791	39.154	ng	98
29) 2,4-Dichlorophenol	10.765	162	93935	40.759	ng	99
30) 1,2,4-Trichlorobenzene	10.988	180	90700	40.714	ng	95
31) Naphthalene	11.199	128	323586	40.147	ng	99
32) Benzoic acid	10.377	122	76847	41.348	ng	87
33) 4-Chloroaniline	11.311	127	146180	40.446	ng	98
34) Hexachlorobutadiene	11.423	225	54074	40.105	ng	93
35) Caprolactam	12.098	113	36119	39.869	ng	92
36) 4-Chloro-3-methylphenol	12.380	107	108540	40.445	ng	98
37) 2-Methylnaphthalene	12.774	142	229553	40.118	ng	96
38) 1-Methylnaphthalene	12.991	142	218711	40.579	ng	100
40) 1,2,4,5-Tetrachloroben...	13.121	216	103961	40.547	ng	98
41) Hexachlorocyclopentadiene	13.074	237	57310	40.944	ng	97
43) 2,4,6-Trichlorophenol	13.356	196	76184	40.626	ng	97

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44) 2,4,5-Trichlorophenol	13.432	196	90115	40.486	ng	98
46) 1,1'-Biphenyl	13.767	154	287630	39.825	ng	96
47) 2-Chloronaphthalene	13.820	162	226038	40.263	ng	95
48) 2-Nitroaniline	14.037	65	84472	41.434	ng	97
49) Acenaphthylene	14.666	152	368063	39.640	ng	99
50) Dimethylphthalate	14.378	163	314342	39.898	ng	100
51) 2,6-Dinitrotoluene	14.519	165	63543	40.016	ng	94
52) Acenaphthene	14.995	154	215856	40.859	ng	98
53) 3-Nitroaniline	14.854	138	77451	41.441	ng #	99
54) 2,4-Dinitrophenol	15.048	184	35978	40.882	ng	85
55) Dibenzofuran	15.330	168	361846	39.489	ng	98
56) 4-Nitrophenol	15.118	139	60627	41.786	ng	97
57) 2,4-Dinitrotoluene	15.295	165	89027	41.573	ng #	93
58) Fluorene	15.976	166	294588	39.094	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.530	232	72843	39.521	ng	99
60) Diethylphthalate	15.718	149	307178	39.207	ng	98
61) 4-Chlorophenyl-phenyle...	15.959	204	136275	39.984	ng	94
62) 4-Nitroaniline	16.017	138	75710m	40.495	ng	
63) Azobenzene	16.252	77	302248	39.198	ng	99
65) 4,6-Dinitro-2-methylph...	16.041	198	51276	40.329	ng	96
66) n-Nitrosodiphenylamine	16.176	169	258463	39.634	ng	99
67) 4-Bromophenyl-phenylether	16.858	248	86549	40.628	ng	91
68) Hexachlorobenzene	16.946	284	88468	40.138	ng	96
69) Atrazine	17.110	200	80394	38.278	ng	98
70) Pentachlorophenol	17.298	266	71846	42.131	ng	95
71) Phenanthrene	17.727	178	468360	40.190	ng	99
72) Anthracene	17.815	178	481448	40.198	ng	100
73) Carbazole	18.091	167	456310	40.180	ng	98
74) Di-n-butylphthalate	18.597	149	559104	40.169	ng	99
75) Fluoranthene	19.719	202	553734	40.392	ng	99
77) Benzidine	19.907	184	153045	36.397	ng	99
78) Pyrene	20.083	202	577286	41.193	ng	99
80) Butylbenzylphthalate	20.941	149	232832	40.093	ng	98
81) Benzo(a)anthracene	21.981	228	541780	40.232	ng	97
82) 3,3'-Dichlorobenzidine	21.899	252	197528	40.706	ng	98
83) Chrysene	22.057	228	518739	40.190	ng	97
84) Bis(2-ethylhexyl)phtha...	21.816	149	360203	40.789	ng	99
85) Di-n-octyl phthalate	23.144	149	611409	40.818	ng	100
87) Indeno(1,2,3-cd)pyrene	29.678	276	607989	40.516	ng	98
88) Benzo(b)fluoranthene	24.407	252	543511	40.383	ng	99
89) Benzo(k)fluoranthene	24.484	252	545369	39.436	ng	96
90) Benzo(a)pyrene	25.389	252	530580	40.156	ng	99
91) Dibenzo(a,h)anthracene	29.766	278	503584	41.429	ng	97
92) Benzo(g,h,i)perylene	30.994	276	501342	40.332	ng	98

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

