

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
 Data File : BG063199.D
 Acq On : 7 Nov 2024 12:34
 Operator : RC/JU
 Sample : P4585-02DL 2X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4EA7DL

Quant Time: Nov 07 12:13:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	72118	20.000	ng/u1	0.00
20) Naphthalene-d8	10.627	136	355690	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.482	164	347588	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.231	188	849097m	20.000	ng/u1	0.00
79) Chrysene-d12	21.485	240	841642	20.000	ng/u1	# 0.00
88) Perylene-d12	24.523	264	935947	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	1555	0.975	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.008	99	44675	6.865	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.167	67	25392	6.652	ng/u1	0.00
11) 2-Chlorophenol-d4	7.367	132	30977	7.334	ng/u1	-0.01
15) 4-Methylphenol-d8	8.547	113	39757	7.208	ng/u1	0.00
21) Nitrobenzene-d5	8.988	128	16520	6.606	ng/u1	0.00
24) 2-Nitrophenol-d4	9.717	143	20848	6.451	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	59757	9.422	ng/u1	0.00
31) 4-Chloroaniline-d4	10.768	131	41184	4.985	ng/u1	0.00
46) Dimethylphthalate-d6	13.882	166	317760	11.671	ng/u1	0.00
49) Acenaphthylene-d8	14.170	160	307693	11.546	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	45199	12.125	ng/u1	0.00
60) Fluorene-d10	15.475	176	307306	13.374	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	55159m	10.336	ng/u1	0.00
73) Anthracene-d10	17.331	188	550679	15.090	ng/u1	0.00
81) Pyrene-d10	19.629	212	696520	16.506	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.311	264	673289	14.899	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.037	94	64084	9.036	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.261	93	264343	54.808	ng/u1	91
12) 2-Chlorophenol	7.408	128	117308	25.964	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.636	70	270524	52.221	ng/u1	99
19) Hexachloroethane	8.912	117	69171	37.780	ng/u1	93
22) Nitrobenzene	9.035	77	81856	10.616	ng/u1	94
23) Isophorone	9.552	82	682178	41.920	ng/u1	98
25) 2-Nitrophenol	9.746	139	40560	12.696	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.040	93	389332	49.628	ng/u1	96
29) 2,4-Dichlorophenol	10.281	162	201717	33.736	ng/u1	97
33) Hexachlorobutadiene	10.968	225	229479	40.100	ng/u1	96
35) 4-Chloro-3-methylphenol	11.914	107	123828	17.259	ng/u1	92
36) 2-Methylnaphthalene	12.296	142	257172	17.829	ng/u1	99
41) 2,4,6-Trichlorophenol	12.907	196	505760	76.468	ng/u1	96
42) 2,4,5-Trichlorophenol	12.978	196	136740m	19.065	ng/u1	
48) 2,6-Dinitrotoluene	14.059	165	511988	102.487	ng/u1	97
50) Acenaphthylene	14.194	152	220898	8.321	ng/u1	96
52) Acenaphthene	14.546	153	945474	49.762	ng/u1	100
55) 4-Nitrophenol	14.705	109	160605	33.149	ng/u1	97
57) 2,4-Dinitrotoluene	14.852	165	546454	69.162	ng/u1#	99
61) Fluorene	15.533	166	1978558	80.377	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.522	204	400843	25.338	ng/u1	96
68) 4-Bromophenyl-phenylether	16.421	248	214962	22.145	ng/u1	97
69) Hexachlorobenzene	16.544	284	1221482	118.121	ng/u1	97

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71) Pentachlorophenol	16.885	266	588597	113.536	ng/ul	94
72) Phenanthrene	17.273	178	909151m	23.435	ng/ul	
74) Anthracene	17.361	178	863894	21.738	ng/ul	96
78) Di-n-butylphthalate	18.201	149	2839096	75.644	ng/ul	98
80) Fluoranthene	19.294	202	3583177	78.558	ng/ul#	98
82) Pyrene	19.658	202	1705587	35.278	ng/ul	99
83) Butylbenzylphthalate	20.551	149	338816	23.979	ng/ul	95
85) Benzo(a)anthracene	21.468	228	3372261	63.344	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.385	149	1971982	95.817	ng/ul	96
87) Chrysene	21.538	228	4596699m	92.611	ng/ul	
90) Benzo(b)fluoranthene	23.571	252	4662533	82.797	ng/ul	95
93) Benzo(a)pyrene	24.382	252	940007	18.046	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.942	276	1059675m	16.585	ng/ul	
95) Dibenzo(a,h)anthracene	28.001	278	2209377	42.414	ng/ul#	97
96) Benzo(g,h,i)perylene	29.006	276	710214	14.661	ng/ul	97

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

